

Planning and Specification Guide

Antenna[®] Power Beam



Knoll



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Updates and revisions to this book

Date	Description of Update	Page
2022	Version 1 Published	

Antenna® Power Beam

Antenna Power Beam expands on the center beam at the heart of the original Antenna Workspaces Big Table. By decoupling worksurfaces from the power structure, Power Beam enables flexibility and agility, providing maximum performance in a minimal footprint.

Total Planning Scope

The freestanding, linkable or mobile Power Beam gives planning flexibility and range to address the ready-to-change mentality of today's workplace. Continuous channels in the top and sides of the beam enable off-module freedom to position screens and task lights, or to support worksurfaces.

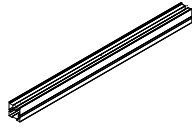
Power Beam has a broad scope and a simple yet clever structure that is easy to install, expand and reconfigure. It also provides streamlined access to power, minimizing the space associated with technology spines and allowing for more creativity and personalization around them.

Hybrid Storage integrates fixed storage into a Power Beam application; while side mounted and up mounted components provide a variety of accessories and tools that enhance the work efficiency, privacy and aesthetics of a Power Beam application.

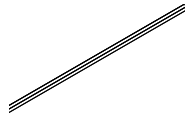


Visual Index

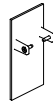
Beams & Components



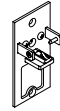
Full Width Beam



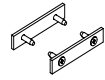
Beam Top Cap



Beam End Cap

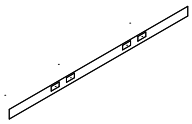


Beam Starter

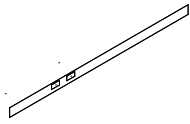


In-Line Connector

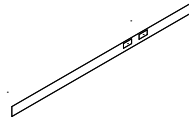
Covers



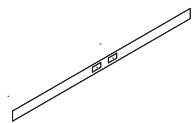
*2 Cutouts Left and
2 Cutouts Right*



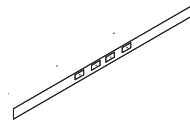
2 Cutouts Left



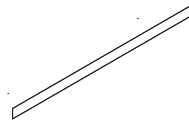
2 Cutouts Right



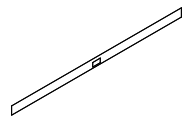
2 Cutouts Centered



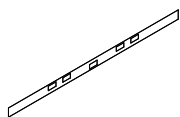
4 Cutouts Centered



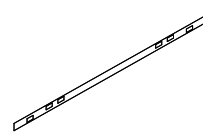
No Cutouts



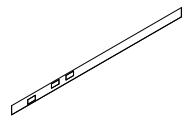
*No Power Cutouts,
with Telecom Cutout*



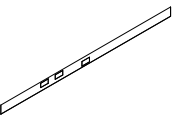
*2 Power Left and Right,
Telecom Cutout
Centered*



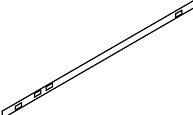
*2 Power Left and Right,
Telecom Cutouts L/R*



*2 Power Left and
Telecom Cutout Left*



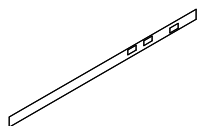
*2 Power Left and
Telecom Cutout Center*



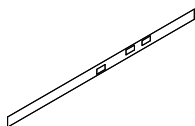
*2 Power Left and
Telecom Cutouts L/R*

Visual Index

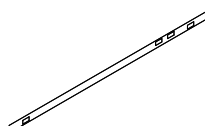
Covers



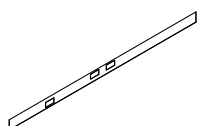
*2 Power Right and
Telecom Cutout Right*



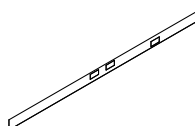
*2 Power Right and
Telecom Cutout
Centered*



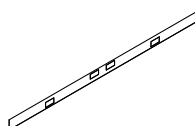
*2 Power Right and
Telecom Cutouts L/R*



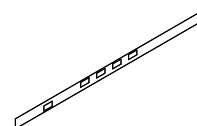
*2 Power Center and
Telecom Cutout Left*



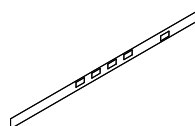
*2 Power Center and
Telecom Cutout Right*



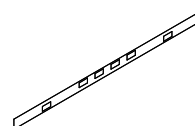
*2 Power Center and
Telecom Cutouts L/R*



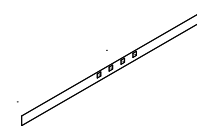
*4 Power Center and
Telecom Cutout Left*



*4 Power Center and
Telecom Cutout Right*



*4 Power Center and
Telecom Cutout L/R*

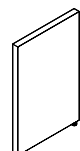


Covers for Plug In Option

*Plug in Outlets,
4 Centered Cutouts*



22"H



28"H

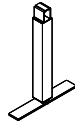
Beam End Panel with Cable Pathway

Visual Index

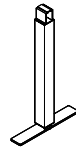
Square Leg Support



End Leg with Foot
22"H



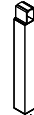
End Leg with Foot
28"H



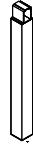
End Leg with Foot
34"H



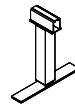
End Leg without Foot
22"H



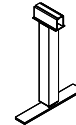
End Leg without Foot
28"H



End Leg without Foot
34"H



Mid Leg with Foot
22"H



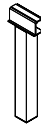
Mid Leg with Foot
28"H



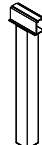
Mid Leg with Foot
34"H



Mid Leg without Foot
22"H



Mid Leg without Foot
28"H



Mid Leg without Foot
34"H

Round Leg Support



T-Leg End
22"H



T-Leg End
28"H



T-Leg End
34"H



Straight Leg Mid
22"H



Straight Leg Mid
28"H



Straight Leg Mid
34"H

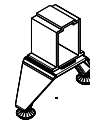
Mobile A-Legs



A-Leg End, 22"H



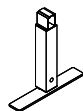
A-Leg End, 28"H



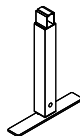
Low Foot Support

Low Foot, 9.5"H

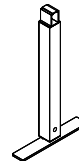
Square Leg for NYC



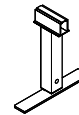
End Leg with Foot
22"H



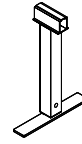
End Leg with Foot
28"H



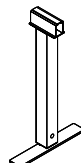
End Leg with Foot
34"H



Mid Leg with Foot
22"H



Mid Leg with Foot
28"H



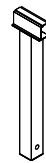
Mid Leg with Foot
34"H



Mid Leg without Foot
22"H



Mid Leg without Foot
28"H



Mid Leg without Foot
34"H

Visual Index

Square Leg Junctions



L-Junction 22"H



L-Junction 28"H



L-Junction 34"H



T-Junction 22"H



T-Junction 28"H



T-Junction 34"H



X-Junction 22"H



X-Junction 28"H



X-Junction 34"H

Y-Junction 22"H
(Triangle for 120)Y-Junction 28"H
(Triangle for 120)Y-Junction 34"H
(Triangle for 120)

Round Leg Junction



L-Junction 22"H



L-Junction 28"H



L-Junction 34"H



T-Junction 22"H



T-Junction 28"H



T-Junction 34"H



X-Junction 22"H



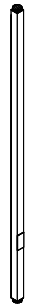
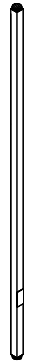
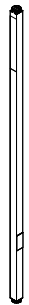
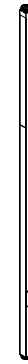
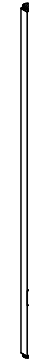
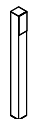
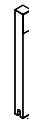
X-Junction 28"H



X-Junction 34"H

Y-Junction 22"H
(Triangle for 120)Y-Junction 28"H
(Triangle for 120)Y-Junction 34"H
(Triangle for 120)

Power Pole, End-Beam

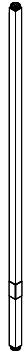
Straight for 28"H
Beam, 120"HStraight for 28"H
Beam, 144"HLeft Hand for 28"H
Beam, 120"HLeft Hand for 28"H
Beam, 144"HRight Hand for 28"H
Beam, 120"HRight Hand for 28"H
Beam, 144"HStraight for 28"H
Beam, 28"HStraight for 34"H
Beam, 34"HLeft Hand for 28"H
Beam, 28"HLeft Hand for 34"H
Beam, 34"HRight Hand for 28"H
Beam, 28"HRight Hand for 34"H
Beam, 34"H

Visual Index

Power Pole, L-Beam



*Left Hand for 28"H
Beam, 120"H*



*Left Hand for 28"H
Beam, 144"H*



*Right Hand for 28"H
Beam, 120"H*



*Right Hand for 28"H
Beam, 144"H*



*Left Hand for 28"H
Beam, 28"H*



*Left Hand for 34"H
Beam, 34"H*



*Right Hand for 28"H
Beam, 28"H*



*Right Hand for 34"H
Beam, 34"H*

Power Pole, T-Beams & In-Line Beams



*T-Beam for 28"H
Beam, 120"H*



*T-Beam for 28"H
Beam, 144"H*



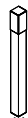
*In-Line Beam for 28"H
Beam, 120"H*



*In-Line Beam for 28"H
Beam, 144"H*



*Left Hand for 28"H
Beam, 28"H*



*Left Hand for 34"H
Beam, 34"H*



*Right Hand for 28"H
Beam, 28"H*



*Right Hand for 34"H
Beam, 34"H*

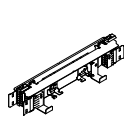


Power Pole Accessory

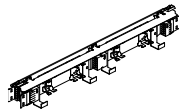
*Cable Divider Kit,
Pkg of 5*

Visual Index

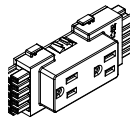
Power Components



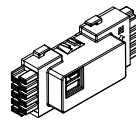
12" Harness



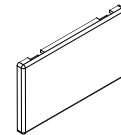
22" Harness



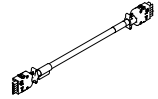
Duplex



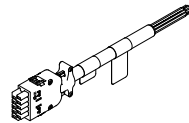
Duplex, USB



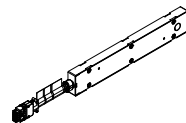
Outlets Fillers



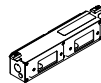
Jumper Cables



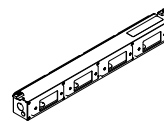
Power Infeed (Base and Ceiling)



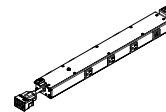
Vertical Infeed for NYC



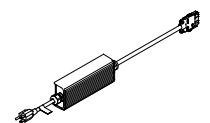
Outlet Box 12", for Chicago



Outlet Box 22", for Chicago



Dual Outlet Strip



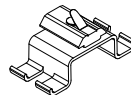
Cordset Power Starter



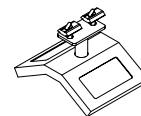
Cordset Power Jumper



Vertical Wire Manager

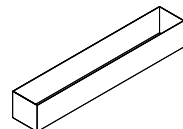


Beam Cable Clips

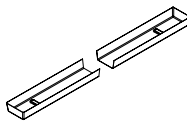


Communications Plate

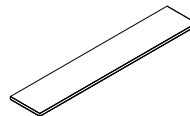
Beam Up-Mounted Components & Accessories



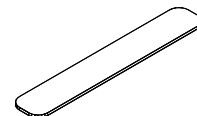
Beam Mounted Steel Planter



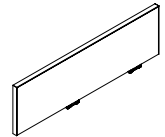
Steel Planter, Plastic Liner



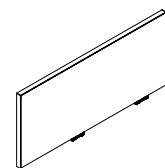
Counter with Square Corners



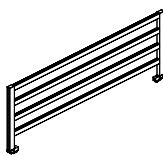
Counter with Rounded Corners



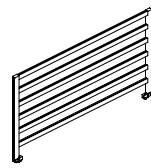
42"H Horizon Beam Screen



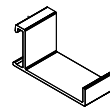
49"H Horizon Beam Screen



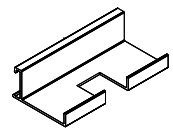
42"H Horizon Beam Ladder



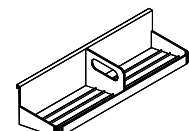
49"H Horizon Beam Ladder



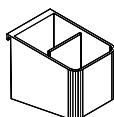
Headset Hook



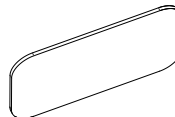
Phone Rest



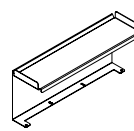
Tray



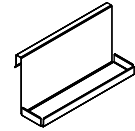
Cup



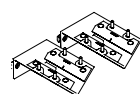
Moveable Screen



Desk Mounted Tray



Screen Tray



Rail Support Adapters

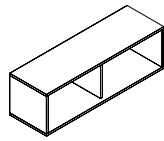


Simple Table Support Adapters

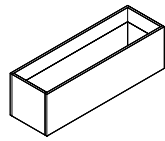
Table and Rail Supports

Visual Index

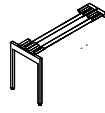
Side Mounted Beam Components



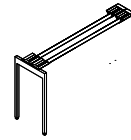
Open Bridge Cabinet



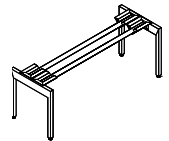
Planter Bridge Cabinet



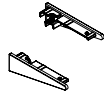
Beam Mounted Bridge Cabinet Support Kit, 22"H



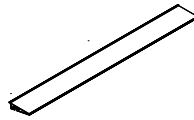
Beam Mounted Bridge Cabinet Support Kit, 28"H



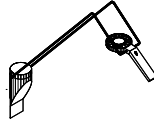
Floorstanding Planter Support Kit, 16"H



Shelf End Caps

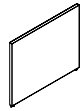


Triangle Shelf

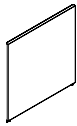


Sparrow Side Mounted

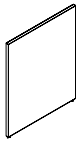
Intermediate Gallery Panels



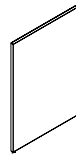
28 1/2"H Gallery Panel



34"H Gallery Panel



42"H Gallery Panel



49"H Gallery Panel

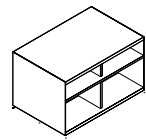


56"H Gallery Panel

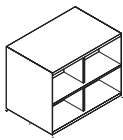


Gallery Panel Attachment Bracket Kit

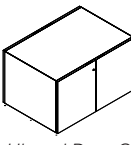
Hybrid Storage, Dual Sided



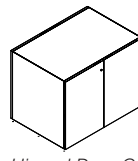
Open Cabinet, 22"H



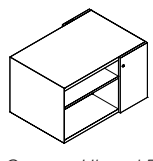
Open Cabinet, 28"H



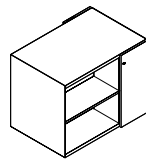
Hinged Door Cabinet, 22"H



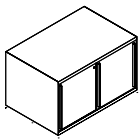
Hinged Door Cabinet, 28"H



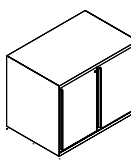
Open w. Hinged Door Cabinet, 22"H



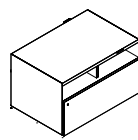
Open w. Hinged Door Cabinet, 28"H



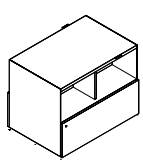
Sliding Door Cabinet, 22"H



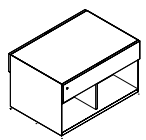
Sliding Door Cabinet, 28"H



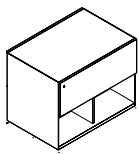
Open Over Drawer Cabinet, 22"H



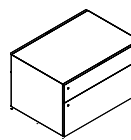
Open Over Drawer Cabinet, 28"H



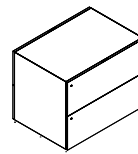
Drawer Over Open Cabinet, 22"H



Drawer Over Open Cabinet, 28"H



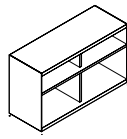
Drawer Over Drawer Cabinet, 22"H



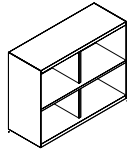
Drawer Over Drawer Cabinet, 28"H

Visual Index

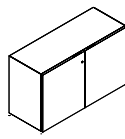
Hybrid Storage, Single Sided



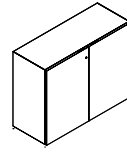
Open Cabinet, 22"H



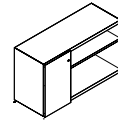
Open Cabinet, 28"H



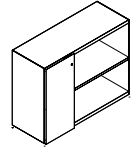
Hinged Door Cabinet, 22"H



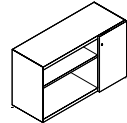
Hinged Door Cabinet, 28"H



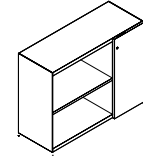
Open w. Left Hinged Door Cabinet, 22"H



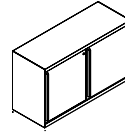
Open w. Left Hinged Door Cabinet, 28"H



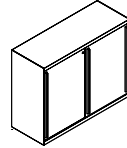
Open w. Right Hinged Door Cabinet, 22"H



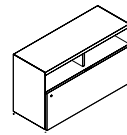
Open w. Right Hinged Door Cabinet, 28"H



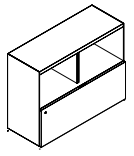
Sliding Door Cabinet, 22"H



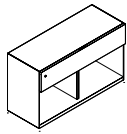
Sliding Door Cabinet, 28"H



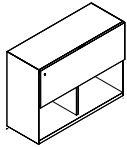
Open Over Drawer Cabinet, 22"H



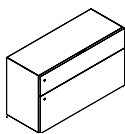
Open Over Drawer Cabinet, 28"H



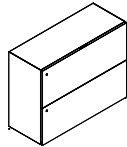
Drawer Over Open Cabinet, 22"H



Drawer Over Open Cabinet, 28"H

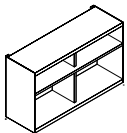


Drawer Over Drawer Cabinet, 22"H

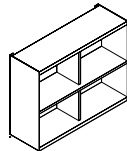


Drawer Over Drawer Cabinet, 28"H

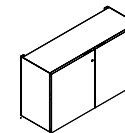
Hybrid Storage, Single Sided Tech Back



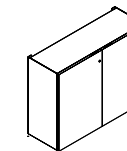
Open Cabinet, 22"H



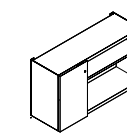
Open Cabinet, 28"H



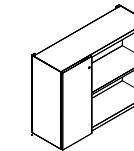
Hinged Door Cabinet, 22"H



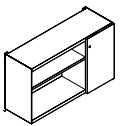
Hinged Door Cabinet, 28"H



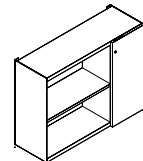
Open w. Left Hinged Door Cabinet, 22"H



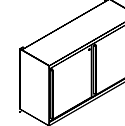
Open w. Left Hinged Door Cabinet, 28"H



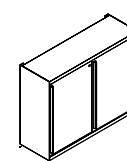
Open w. Right Hinged Door Cabinet, 22"H



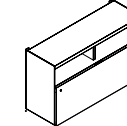
Open w. Right Hinged Door Cabinet, 28"H



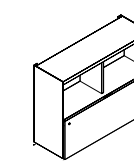
Sliding Door Cabinet, 22"H



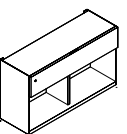
Sliding Door Cabinet, 28"H



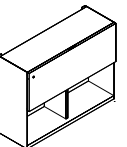
Open Over Drawer Cabinet, 22"H



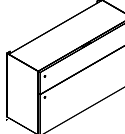
Open Over Drawer Cabinet, 28"H



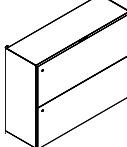
Drawer Over Open Cabinet, 22"H



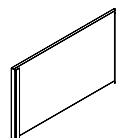
Drawer Over Open Cabinet, 28"H



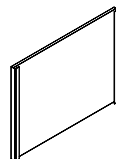
Drawer Over Drawer Cabinet, 22"H



Drawer Over Drawer Cabinet, 28"H



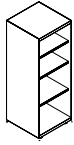
22"H



28"H

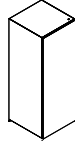
Tech Back Panels

Visual Index

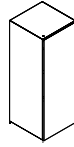


Tall Cabinets, 49"H

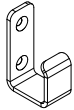
Open with Shelves



*Hinged Door Cabinet,
Right 49"H*



*Hinged Door Cabinet,
Left 49"H*



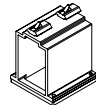
Accessories

Coat Hook

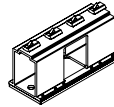


Alignment and Attachment Kits

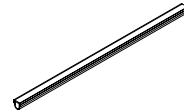
*Tall Cabinet Alignment
Kit*



*Beam to Storage
Attachment Kit, End*



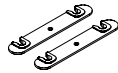
*Beam to Storage
Attachment Kit, Mid*



*Beam to Storage Light
Seal*



Top Alignment Bracket



*Bottom Alignment
Bracket*

Materials & Finishes

Veneer Finishes

The samples shown here are representative of our finishes. For further information, or for a product brochure, please consult a Knoll dealer or sales representative. Codes begin with a three digit numeric sequence, followed by a letter suffix. Each letter suffix (A-F) represents a different combination of pore fill options and gloss levels.

V1 Techwood Veneers



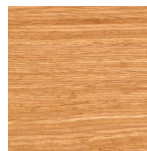
Maple
506



Blond Maple
638



Natural
637



Light Cherry
639



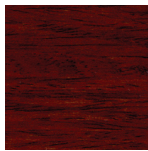
Medium Teak
513



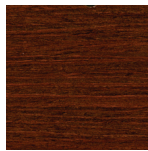
Cherry
509



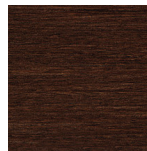
Light Walnut
644



Dark Mahogany
628



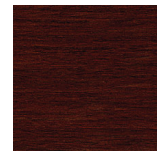
Medium Walnut
512



Black Oak
641



Dove Grey
645



Espresso
514

V2 Natural Veneers/Premium Techwood Veneers



White Pine
647



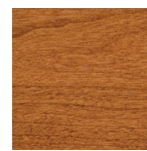
Maple
006



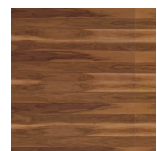
Birch
037



Natural Oak
020



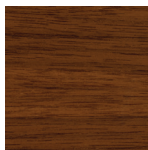
Bronze Cherry
002



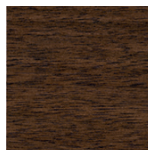
Rustic Walnut
038



Light Walnut
017



Old English Walnut
022



Peacock Green Walnut
021



Grigio
642



Ebony
640

*Available on worksurfaces only. Synthetic edge option is available on worksurfaces only.

Veneer Finishes

Finish Codes

V3 Premium Natural Veneers



Figured Sycamore
044



Pippy Oak
039

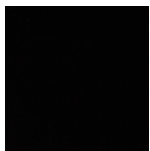
Gloss Level		Fill Level
A	Low Gloss	Closed Pore
B	Medium Gloss	Closed Pore
C	Light Gloss	Closed Pore
D	Low Gloss	Open Pore
E	Medium Gloss	Open Pore
F	Light Gloss	Open Pore

Edge Options for Veneers	
SYN	Complementary Synthetic

Paints, Glass and Laminates

The Knoll paints and laminates palette includes a single integrated palette ensures a harmonized aesthetic throughout the entire workplace. Please consult the appropriate price list for a list of applicable finishes, edge band options and details for each product. The samples shown here are representative of our finishes.

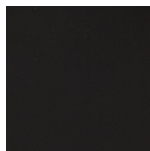
Paints



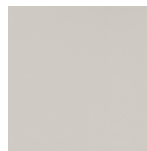
Jet Black
111



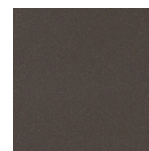
Brown
112



Dark Grey
113



Folkstone Grey
114



Medium Grey
115



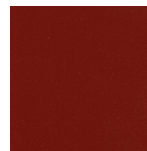
Soft Grey
117



Bright White
118



Pumice
119



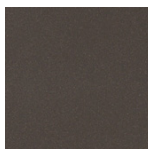
Dark Red
130



Slate Blue
131



Beige Mist Metallic
611



Medium Metallic Grey
612



Silver
613

Paint/Plated/Anodized Finishes



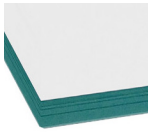
Polished Chrome
PD

Paints, Glass and Laminates

Finish Codes

Glass Screens

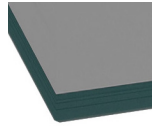
G1



Clear Tempered
TEMP



Powder
GL13

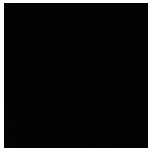


Grey
GL35

Paints, Glass and Laminates

Finish Codes

Core Laminate Surface/Edge



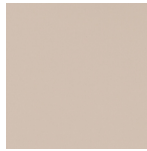
Jet Black**
111



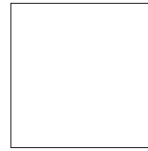
Folkstone Grey**
114



Medium Grey**
115



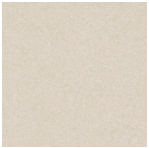
Soft Grey**
117



Bright White**
118



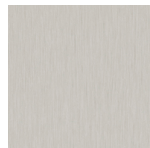
Pumice**
119



Micro Grey*
121



Brushed Sand*
122



Brushed Grey*
123



Fog**
128



Micro Sand*
129

Woodgrain Laminates Surface/Edge



Medium Cherry**
124



Natural Maple**
125



Natural Cherry**
126



Walnut**
127



Light Ash**
139



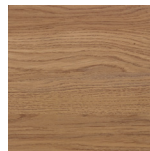
Warm Ash**
140



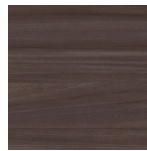
Whitened Ash**
141



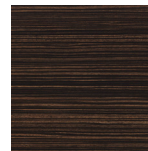
Grey Ash**
142



Classic Oak**
143



Graphite Pear**
144



Zebra**
145

*121, 122, 123, 129: Not available with matching edge option and only available on select sizes of laminate center screens.

LW Marker Board: Available for center screens.

**Melamine worksurface. Worksurfaces manufactured in melamine are available in High Pressure Laminate at a 10% upcharge. Other products are also available in High Pressure Laminate and would need to be quoted separately.

Workspaces

Application Example 1

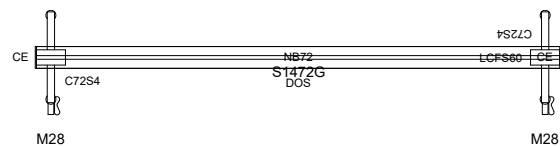
Mobile Power Beam Space Delineation



Additional Products Shown:

Antenna Simple Mobile Rectangular Table, Rockwell Sawhorse Round Table, Rockwell Stools

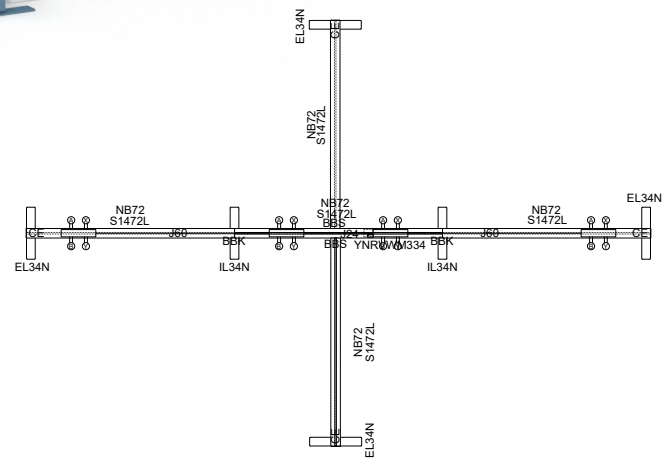
Pattern	QTY	Description
YNB72	1	Power Beam Kit, 72W
YNC72S4	2	Cover, 72W, Four Simplex Cutouts Centered
YUNCE	2	Beam End Cap
YNRLCDOS	1	Linkable, Dual Outlet Strip
YNRLCFS60	1	Linkable Starter, Floor, 60W
YNSALM28	2	A-Leg Mobile, 28H
YPSC1472G	1	Screen for Big Table, 42H Horizon, 72W



*Finishes: Jet Black Paint, Grey Tinted Glass

Application Example 2

Open Workspace



Additional Products Shown:

Tone Height Adjustable Tables, Anchor Mobile Pedestals, Simple Y-Base Counter Height Tables, Wexby Mobile Bin, Regeneration Task Chairs, Multigen Counter Stools

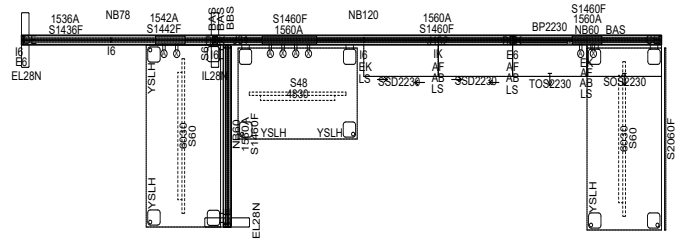
Pattern	QTY	Description
YNB72	5	Power Beam Kit, 72W
YNBBK	2	Beam to Beam Connector, Inline
YNC72D0200	2	Cover, 72W, Two Knockouts Right
YNC72D2000	2	Cover, 72W, Two Knockouts Left
YNC72D2200	2	Cover, 72W, Two Knockouts Left and Two Knockouts Right
YNC72N	4	Cover, 72W, No Knockouts
YNCE	4	Beam End Cap
YNREH12	4	Power Harness, 2+2, 12W
YNRJE24	1	Jumper, 2+2, 24W
YNRJE60	2	Jumper, 2+2, 60W

Pattern	QTY	Description
YNRXDA	4	Duplex Outlet, Circuit A
YNRXDB	4	Duplex Outlet, Circuit B
YNRXDX	4	Duplex Outlet, Circuit X
YNRXDY	4	Duplex Outlet, Circuit Y
YNSBBS	2	Beam to Beam Starter
YNSSELF34N	4	Square End Leg, with Foot, 34H, No Grommet
YNSCILF34N	2	Square intermediate Leg, with Foot, 34H, No Grommet
YPSC1472L	5	Screen for Big Table, 42"H Horizon, 72W, 1/2D, 14H, Laminate, Markerboard
YNRBCCC	1	Beam Cable Clip, Kit of 10
YR1CMP	2	Communications Mounting Plate
YR1CBX2	2	Extension Kit for Communications Mounting Plate

*Finishes: Slate Blue Paint, Laminate Markerboard Screens

Application Example 3

Open Workspace with Hybrid Storage



Pattern	QTY	Description
YNB120	1	Beam Kit, 120W
YNB60	2	Beam Kit, 60W
YNB78	1	Beam Kit, 78W
YNBBK	2	Beam to Beam Connector, Inline
YNC60D2C00	1	Cover, 60W, two knockouts centered
YNC60D4C00	1	Cover, 60W, four knockouts centered
YNC60N	6	Cover, 60W, no knockouts
YNC78D0200	1	Cover, 78W, two knockouts right
YNC78N	1	Cover, 78W, no knockouts
YNCE	3	Beam End Cap
YNFAB	3	Hybrid Storage, Bottom Alignment Kit, Black
YNFAF	3	Hybrid Storage, Top Alignment Kit, Black
YNFBEK	2	Storage Attachment Kit, End
YNFBIK	1	Storage Attachment Kit, Mid
YNFBLS	2	Storage Light Seal
YNFSOS2230V	1	Hybrid Storage, Single Open Cabinet, 13.5D X 22H X 30W, Veneer
YNFSSD2230VL	2	Hybrid Storage, Single-Sided Sliding Door Storage, 13.5"D X 22"H X 30"W, Veneer, Locking
YNFSSD2230VL	2	Hybrid Storage, Single-Sided Sliding Door Storage, 13.5"D X 22"H X 30"W, Veneer, Locking
YNFTBP2230V	1	Hybrid Storage, Tech-Back Panel, 22H X 30W, Veneer
YNFTOS2230V	1	Hybrid Storage, Tech-Back Open Cabinet, 12D X 22H X 30W, Veneer
YNREH12	2	Power Harness, 2+2, 12W
YNREH22	1	Power Harness, 2+2, 22W
YNRJE102	1	Jumper, 2+2, 102W
YNRJE31	1	Jumper, 2+2, 31W
YNRPIE	1	Power Infeed, 2+2
YNRXDA	4	Extended Face Duplex Outlet, Circuit A

Pattern	QTY	Description
YNRXDX	4	Extended Face Duplex Outlet, Circuit X
YNSBBS	1	Beam to Beam Starter
YNSSELF28N	2	Square End Leg, with Foot, 28H, no grommet
YNSCILF28N	1	Square Intermediate Leg, with Foot, 28H, no grommet
YPAHE6	2	Privacy Screen, Hardware Kit, End Panel, 6mm
YPAHI6	4	Privacy Screen, Hardware Kit, Intermediate, 6mm
YPAHS6	1	Privacy Screen, Hardware Kit, Stand Alone, 6mm
YPAUS1536FLA	1	Privacy Screen, Add Up, Screen, 15Hx36W, Frameless, Acrylic
YPAUS1542FLA	1	Privacy Screen, Add Up, Screen, 15Hx42W, Frameless, Acrylic
YPAUS1560FLA	4	Privacy Screen, Add Up, Screen, 15Hx60W, Frameless, Acrylic
YPSB2060F	1	Desk Screen, for 42" high horizon, partial modesty, 60W 1-1/4D 20H, fabric
YPSC1436F	1	Screen for Big Table/Horsepower, for 42" high horizon, 36W 1-1/4D 14H, fabric
YPSC1442F	1	Screen for Big Table, for 42" high horizon, 42W 1-1/4D 14H, fabric
YPSC1460F	4	Screen for Big Table/Horsepower, for 42" high horizon, 60W 1-1/4D 14H, fabric
YTSS48	1	Simple Table Stiffener for 48" Wide Top
YTSS4830NL	1	Simple Table Top, Rectangular 48Wx30D, without grommet, laminate
YTSS60	2	Simple Table Stiffener for 60" Wide Top
YTSS6030NL	2	Simple Table Top, Rectangular 60Wx30D, without grommet, laminate
YBSLDH2	5	Simple Table Legs, Desk Height with Adjustable Glides, high range (set of 2)
YNSBAS	3	Simple Table Support Adapter
YNRBCCC	1	Beam Cable Clip, Kit of 10
YR1CMP	2	Communications Mounting Plate
YR1CBX2	2	Extension Kit for Communications Mounting Plate

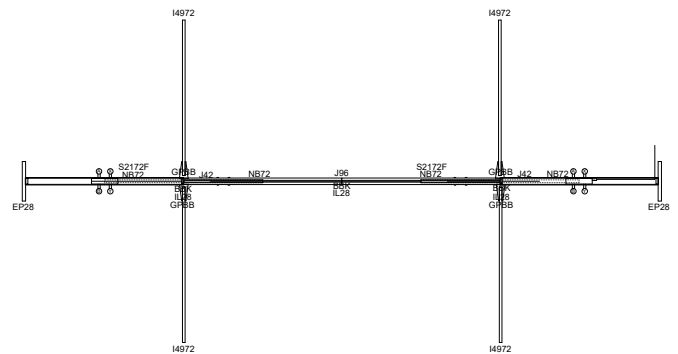
*Finishes: Bright White Paint, Jet Black Supports, Clear Glass, Bright White Laminate Surfaces, V1 Maple Veneer Storage Case with Wood Pulls.

Additional Products Shown:

Quoin Mobile Cart, Ollo Chairs

Application Example 4

Open Workspace with Gallery Panels



Additional Products Shown:

Generation Task Chair, k.Stand Height Adjustable Table, Sapper Dual Monitor Arm.

Pattern	QTY	Description
YNABL2136	2	Ladder, 21H X 36W
YNABP36	2	Planter, 36W
YNATRAY	4	Tray
YNB72	4	Power Beam Kit, 72W
YNBBK	3	Beam to Beam Connector, Inline
YNBTC36	2	Beam Top Cap, 36W
YNC72D0200	2	Cover, 72W, two knockouts right
YNC72D2000	2	Cover, 72W, two knockouts left
YNC72D2C00	4	Cover, 72W, two knockouts centered
YNGPBB	4	Intermediate Gallery Panel, Beam Bkt
YNGPI4972	4	Intermediate Gallery Panel, 49"H, 72"W
YNREH12	4	Power Harness, 2+2, 12W
YNRJE42	2	Jumper, 2+2, 42W

Pattern	QTY	Description
YNRJE96	1	Jumper, 2+2, 96W
YNRPIE	1	Power Infeed, 2+2
YNRXDA	4	Extended Face Duplex Outlet, Circuit A
YNRXDB	4	Extended Face Duplex Outlet, Circuit B
YNRXDX	4	Extended Face Duplex Outlet, Circuit X
YNRXDY	4	Extended Face Duplex Outlet, Circuit Y
YNSEPC28	2	End Panel, with Cable Path, 28H
YNSRIL28	3	Round Straight Leg, 28H
YPSC2172FRR	2	Screen for Big Table/Horsepower, for 49" high horizontal 72W 1-1/4D 21H, fabric is railroaded
YNRBCCC	1	Beam Cable Clip, Kit of 10
YR1CMP	4	Communications Mounting Plate
YR1CBX2	4	Extension Kit for Communications Mounting Plate

*Finishes: Bright White Paint, Jet Black Ladder and Planter, Classic Oak Laminate Gallery Panel, Hourglass Olive Fabric Screens, Lacquer Red Tray

Application Example 5

Ancillary Space Power Access

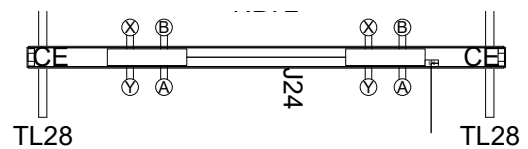


Additional Products Shown:

Pixel Modular Lounge, Islands X Base Occasional Coffee Table,
Muuto Halves Side Table

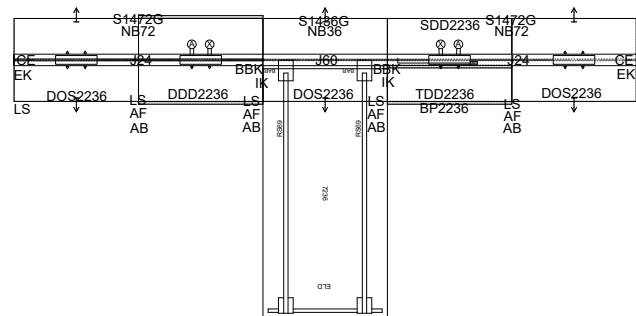
Pattern	QTY	Description
YNABCS78L	1	Beam Counter Square Crnr, 78W, Laminate
YNB72	1	Power Beam Kit, 72W
YNC72N	1	Cover, 72W, no Cutouts
YNC72D2200	1	Cover, 72W, two Cutouts left and two Cutouts right
YNCE	2	Beam End Cap
YNRBCC	1	Beam Cable Clips, package of 10
YNREH12	2	Power Harness, 2+2, 12W
YNRJE24	1	Jumper, 2+2, 24W
YNRPIE	1	Power Infeed, 2+2
YNRXDB	2	Extended Face Duplex Outlet, Circuit B
YNRXDX	2	Extended Face Duplex Outlet, Circuit X

*Finishes: Jet Black Paint, Smokewood Laminate Counter



Application Example 6

Space Division & Support for Open Work Areas



Additional Products Shown:

k.Stand Height Adjustable Table, Saarinen Executive Chair, Pixel Column Leg Round Table, Muuto Fiber Chair Swivel Base with Castors.

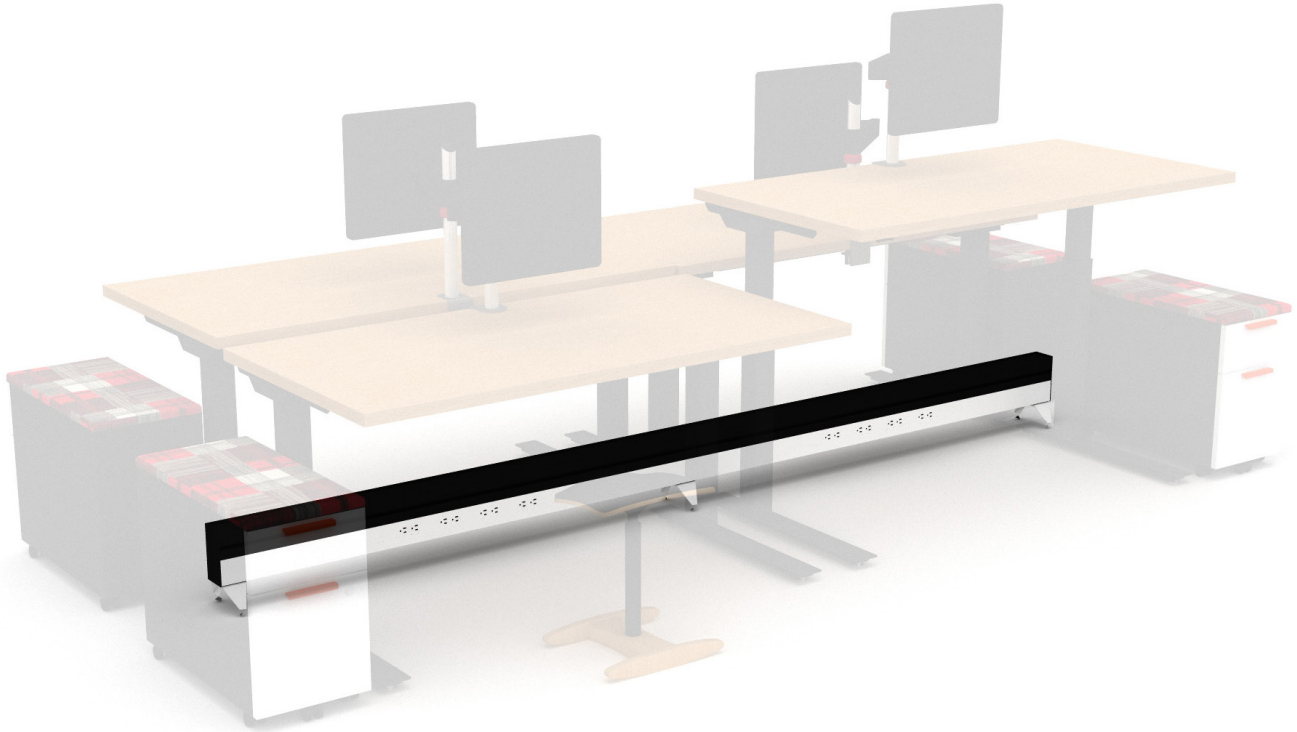
Pattern	QTY	Description
YBRS69	1	Starter Rail, 69W, for 72" Wide Desk, (pair)
YELD36	1	End Leg, Desk Height, 1W 33D 27H, for 36" deep top
YNB36	1	Power Beam Kit, 36W
YNB72	2	Power Beam Kit, 72W
YNBBK	2	Beam to Beam Connector, Inline
YNC36N	2	Cover, 36W, no knockouts
YNC72D2200	4	Cover, 72W, two knockouts left and two knockouts right
YNCE	2	Beam End Cap
YNFAB	4	Hybrid Storage, Bottom Alignment Kit, Black
YNFAF	4	Hybrid Storage, Top Alignment Kit, Black
YNFBEK	2	Power Beam, Storage Attachment Kit, End
YNFBIK	2	Power Beam, Storage Attachment Kit, Mid
YNFBLS	2	Power Beam, Storage Light Seal
YNFDDD2236LL	2	Hybrid Storage, Dual-Sided, Drwr-Ovr-Drwr, 24D X 22H X 36W, Locking
YNFDOS2236L	2	Hybrid Storage, Dual Open Cabinet, 24D X 22H X 36W

Pattern	QTY	Description
YNFSDD2236LL	1	Hybrid Storage, Single Sided Drwr-Ovr-Drwr, 13.5D x 22H x 36W
YNFTBP2236L	1	Hybrid Storage, Tech-Back Panel, 22H X 36W
YNFTOS2236L	1	Hybrid Storage, Tech-Back Open Cabinet, 12D X 22H X 36W
YNREH12	4	Power Harness, 2+2, 12W
YNRJE24	2	Jumper, 2+2, 24W
YNRJE60	1	Jumper, 2+2, 60W
YNROF	1	Outlet Filler, package of 10
YNRPIE	1	Power Infeed, 2+2
YNRXDA	4	Extended Face Duplex Outlet, Circuit A
YNRXDX	4	Extended Face Duplex Outlet, Circuit X
YNSBAR	1	Rail Support Adapter (kit of 2)
YPSC2136G	1	Screen for Big Table, for 49" high horizon, 36W 1/2D 21H, glass
YPSC2172G	2	Screen for Big Table, for 49" high horizon, 72W 1/2D 21H, glass
YT7236L	1	Antenna Desk Top, 72W 36D 1-1/4H

*Finishes: Medium Grey Paint, Powder Glass, Bright White Laminate with Light Ash Edge, Light Ash Laminate Storage.

Application Example 7

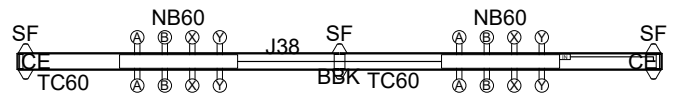
Open Workspace



Additional Products Shown:

k. Stand Height Adjustable Table, Quoin Mobile Storage with Cushion, Fully Tic Toc Stool, Sapper Single Monitor Arm.

Pattern	QTY	Description
YNB60	2	Power Beam Kit, 60W
YNBBK	1	Beam to Beam Connector, Inline
YNBTC60	2	Beam Top Cap, 60W
YNC60D4C00	4	Cover, 60W, four knockouts centered
YNCE	2	Beam End Cap
YNREH22	2	Power Harness, 2+2, 22W
YNRJE38	1	Jumper, 2+2, 38W
YNRPIE	1	Power Infeed, 2+2
YNRXDA	4	Extended Face Duplex Outlet, Circuit A
YNRXDB	4	Extended Face Duplex Outlet, Circuit B
YNRXDX	4	Extended Face Duplex Outlet, Circuit X
YNRXDY	4	Extended Face Duplex Outlet, Circuit Y
YNSF	3	Low, Foot
YNRBCCC	1	Beam Cable Clip, Kit of 10



*Finishes: Jet Black Paint on Beam and End Caps; Bright White on Covers and Duplexes.

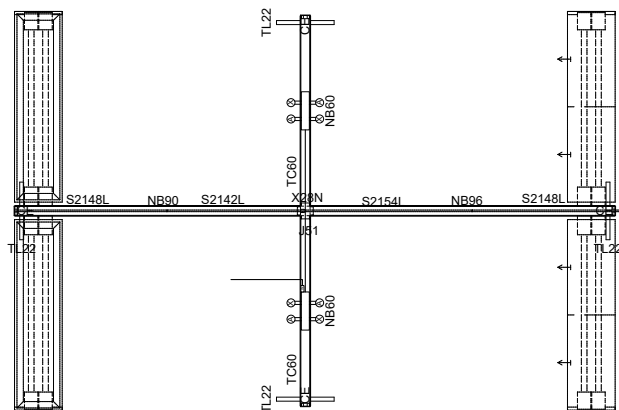
Application Example 8

Open Workspace with Beam Attached Storage



Additional Products Shown:

Rockwell Sawhorse Tables, Rockwell Cylinder Stools, Muuto Fiber Swivel Chair with Casters



Pattern	QTY	Description
YNABL2148	2	Ladder, 21H X 48W
YNAKTRAY	4	k. Screen Tray
YNALTACKZ	4	Tackboard Filzfelt
YNB60	2	Power Beam Kit, 60W
YNB90	1	Power Beam Kit, 90W
YNB96	1	Power Beam Kit, 96W
YNBTC60	2	Beam Top Cap, 60W
YNC60D2C00	4	Cover, 60W, two Cutouts centered
YNC90N	2	Cover, 90W, no Cutouts
YNC96N	2	Cover, 96W, no Cutouts
YNCE	4	Beam End Cap
YNREH12	2	Power Harness, 2+2, 12W

*Finishes: Dark Red Paint, Laminate Markerboard Screens, V2 White Pine Veneer Side Mounted Cabinets

Pattern	QTY	Description
YNRXDA	4	Extended Face Duplex Outlet, Circuit A
YNRXDX	4	Extended Face Duplex Outlet, Circuit X
YNSBOC60V	2	Open Bridge Cabinet, 60W, Veneer
YNSBP60V	2	Bridge Planter, 60W, Veneer
YNSBS6022	4	Bridge Cabinet Supports, 60W X 22H
YNSCJX22G	1	Beam Support, Square Junction, X, 22H, with grommet
YNSRTL22	4	Round T-Leg, 22H
YPSC2142L	1	Screen for Big Table, for 49" high horizon, 42W 1/2D 21H, laminate
YPSC2148L	2	Screen for Big Table, for 49" high horizon, 48W 1/2D 21H, laminate
YPSC2154L	1	Screen for Big Table, for 49" high horizon, 54W 1/2D 21H, laminate
YNRBCCC	1	Beam Cable Clip, Kit of 10
YR1CMP	2	Communications Mounting Plate
YR1CBX2	2	Extension Kit for Communications Mounting Plate

Beam Structure

Category Overview and Features

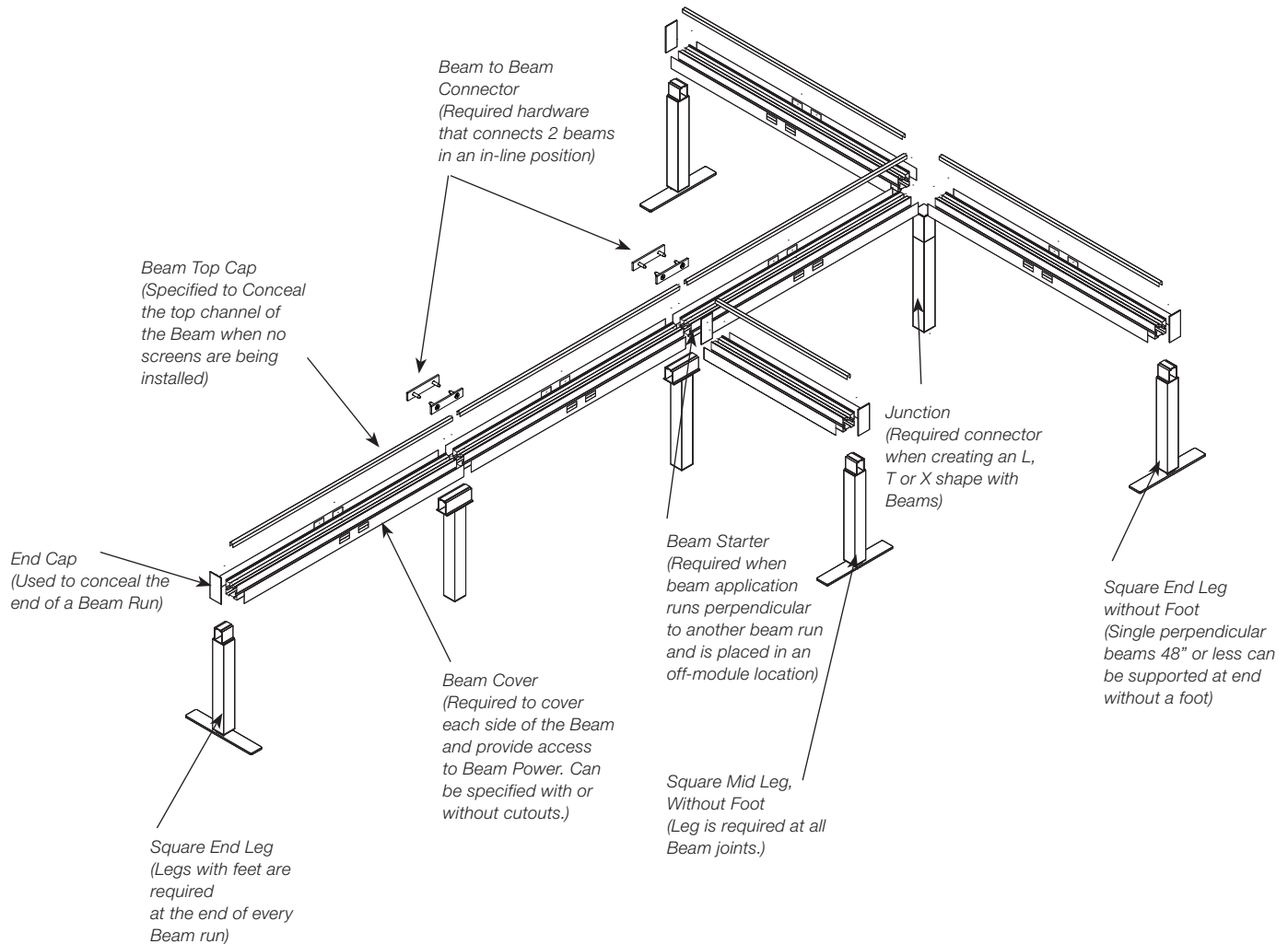
Antenna Power Beam is made up of several structural components that includes Beams, End Caps, Covers, Supports, Connector kits, Beam Starters and Junctions.

Beam offers 4 different heights to allow for maximum planning capabilities. Beam Heights: 9.5"H 22"H, 28"H, 34"H

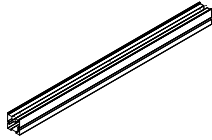
A range of support types and leg profiles offer aesthetic and functional variety. Leg profiles: Round, Square, End Panel

Junction options allow for maximum planning variety. Junction types: In-Line, L, T, X, 120-degree Y

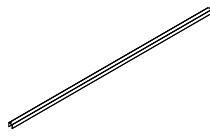
Beam covers provide a range of options for routing power and telecommunications to workstations and shared spaces.



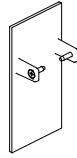
Statement of Line



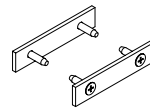
Full Width Beam



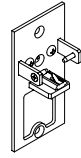
Beam Top Cap



Full Height Beam End Cap

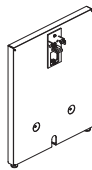


Connector Kit

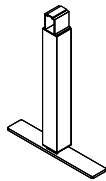


Beam Starter

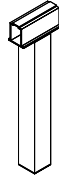
Beam



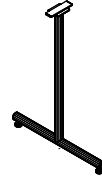
End Panel



Square Leg



Square Mid Leg

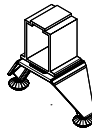


Round T-Leg



Round Straight I-Leg

Supports



Low Beam Foot



Mobile A-Leg

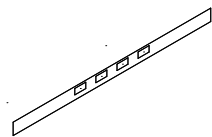
Junctions/ Connectors and Power Pole



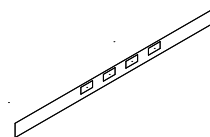
Junction/Connectors



Power Pole



Full Width Cover



Shortened Cover

Side Covers

Power Beam Overview

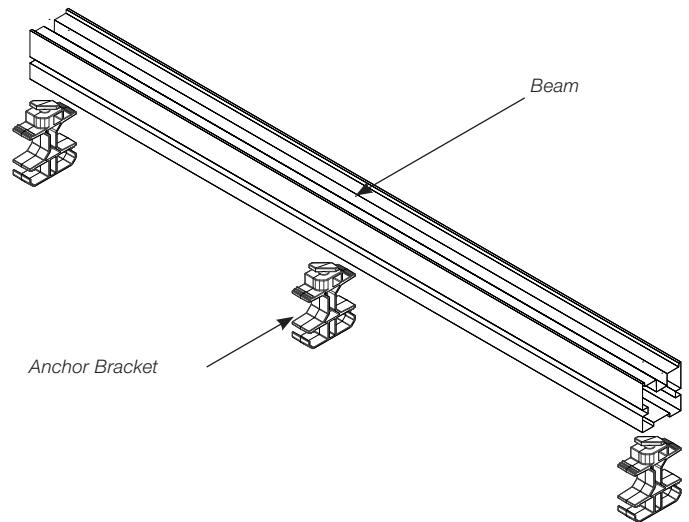
Antenna Power Beams come in a variety of widths to accommodate a large range of configurations. Power Beams are shipped with anchor brackets that are used

for mounting & supporting the covers. Anchor brackets also provide horizontal wire management for jumpers and data wiring.

Beam Width	# of Anchor Brackets Included
36", 42", 48", 54"	3
60", 66", 72"	4
78", 84", 90"	5
96", 108", 120"	6



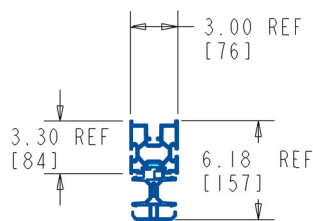
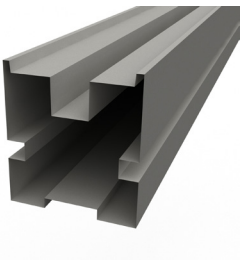
Anchor Bracket
Cable Capacity:
12 cat-6 cables



Beam Dimensions and Structure

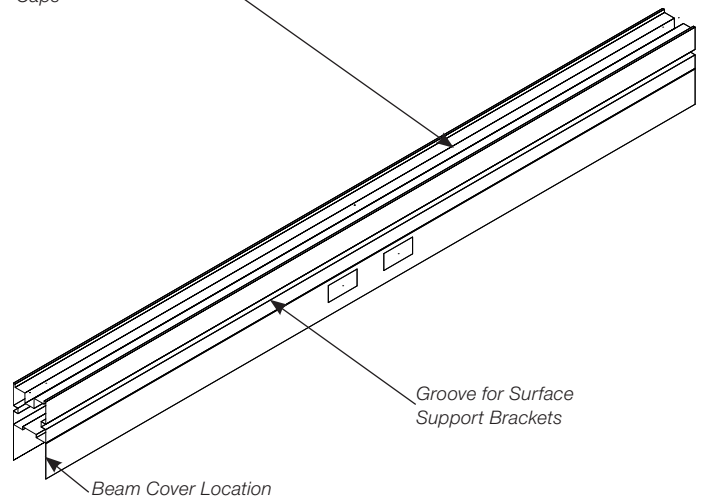
The Beam is designed to hold covers at the bottom of the assembly. A groove is located on the side of the main beam structure to hang brackets for surface support and other accessories. There is a channel located at the top of the Beam where beam screens, beam

accessories and tool rails can be installed. When no screens are used, a beam top cap should be specified to fill the top channel. If tool ladders, platforms or other beam top accessories are included, top caps can be cut to fill the exposed channel.



END VIEW
SCALE 0.125

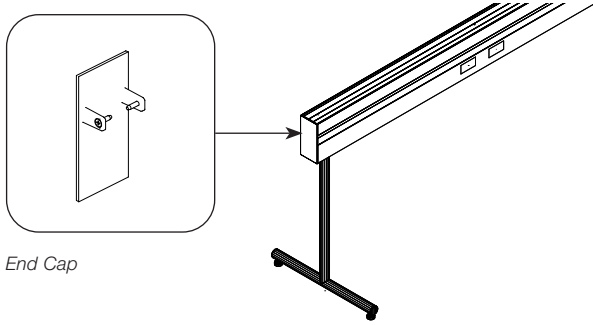
Top Channel for Screens,
Tool Rails, Storage, or Top
Caps



Beam End Caps, Connector Kits, Beam Starters

Beam End Cap

Beam End Caps are required at either end of the run to cleanly finish the end of a Beam Run. (# YNCE)

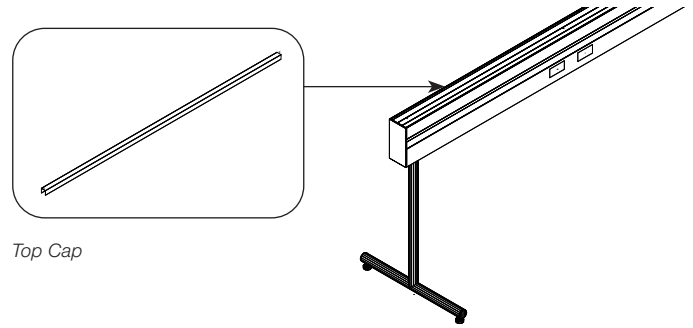


End Cap

Beam Top Cap

Beam Top Caps trim the top channel of the Power Beam if the Beam is not occupied by a Screen. (# YNBTC_ _)

(# YNBTC_ _)

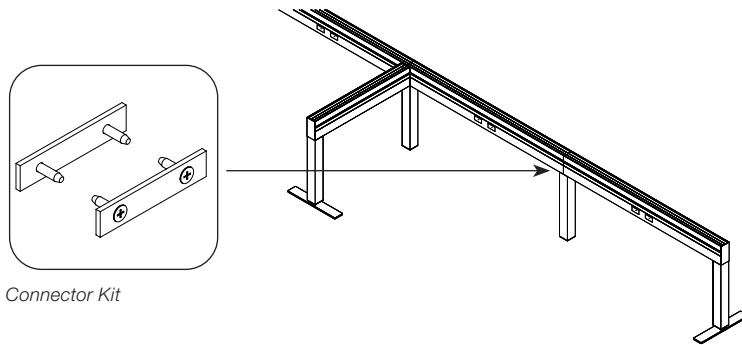


Top Cap

Beam Connector Kit

Connector Kits are required when two beams are in a straight run.

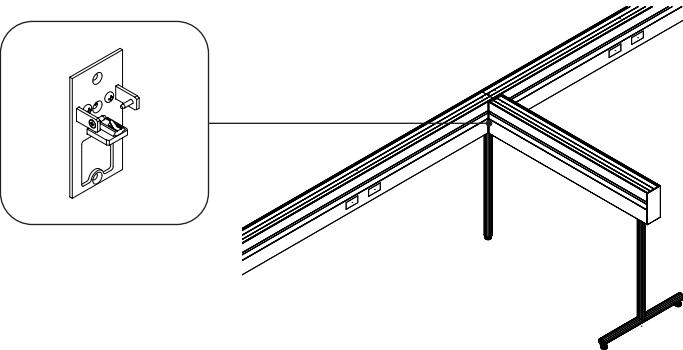
These must be ordered separately (# YNBBK)



Connector Kit

Beam Starter

Beam Starters are used when starting a new off-module beam run perpendicular to an existing beam run without the use of a Junction/Connector. Beam Starters install directly to the face of the Beam as opposed to a junction/connector which installs to the end of a beam. (#YNSBBS)



Note: A Beam starter can be placed anywhere off-module on a beam as long as it does not interfere with power harnesses installed on the main Beam.

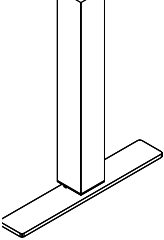
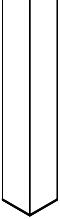
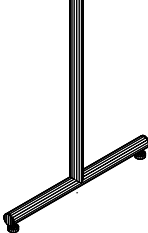

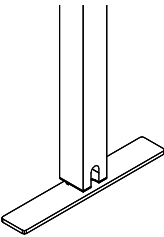
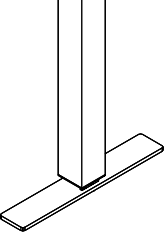
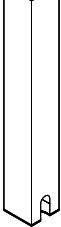

Typically, shortened covers should be specified in such applications.

However, the Beam Starter can be installed directly on top of a cover, which prevents the capability of power being routed through the off-modular perpendicular connection.

Supports

Antenna Power Beam offers several styles of Supports: End Panels, Square Leg, Round Leg, Low Beam Foot, and Mobile A Leg in a variety of heights. Grommet

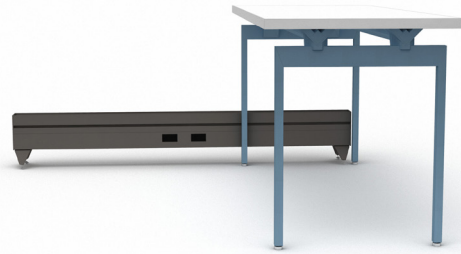
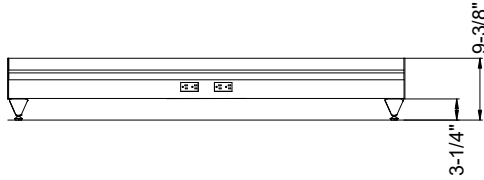
options are available in some of the leg options to provide integral cable pathways for clean wire management.

				
Feet	<i>With Foot (Used at End or Mid Position) Square End Leg</i>	<i>W/O Foot (for Mid position or Junction) Square Leg</i>	<i>With Foot (Used at End or Mid Position) Round T-Leg</i>	<i>W/O Foot (Used in Mid position or Junction) Round I-Leg</i>
				
Grommets	<i>Square Leg w/ Foot with Grommet</i>	<i>Square Leg w/ Foot without Grommet</i>	<i>Square Mid Leg, w/o Foot, with Grommet</i>	<i>Square Mid Leg, w/o Foot, without Grommet</i>

Support Heights

Low Beam Feet

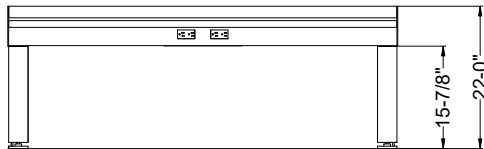
Low Beam Feet sit low to the floor and could be used when the user prefers to keep the Power Beam out of the sight line.



22"H Horizon Support

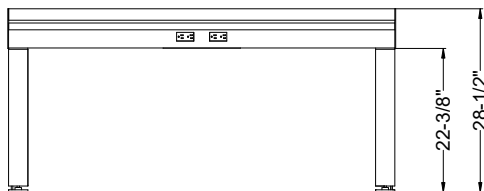
The 22"H Horizon support places the horizon line of Power Beam below standard seated height fixed surfaces.

When using height adjustable tables, 22"H Power Beam places power connections below the surface in both seated and standing positions.



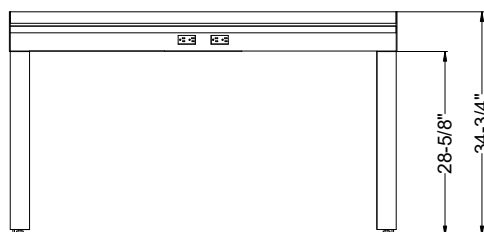
28"H Horizon Support

The 28"H Horizon support is ideal when the user would like the power close to the worksurface, but still be located under a standard seated surface height. 28"H Horizon also allows for a standard height surface to be attached to and supported by the beam. 22H Hybrid Storage can be specified to fit under the Beam.



34"H Horizon Support

The 34"H Horizon support is used when power is required above a standard seated height surface. This horizon is suitable for use with standing height surfaces or height adjustable table applications. 28H Hybrid Storage can be specified to fit under the Beam.



Support Planning Guidelines

Leg Planning Guidelines

- + Legs are required at every beam joint (See Figure 1)
- + A Square Leg with Foot, Round T-Leg or Beam End Panel is required at the end of every beam (See Figure 1)
- + Single perpendicular Beams 48"W or less can be supported at the end without a foot (See Figure 2)
- + Leg styles do not need to match in a beam run. However, leg heights must be consistent.

Figure 1

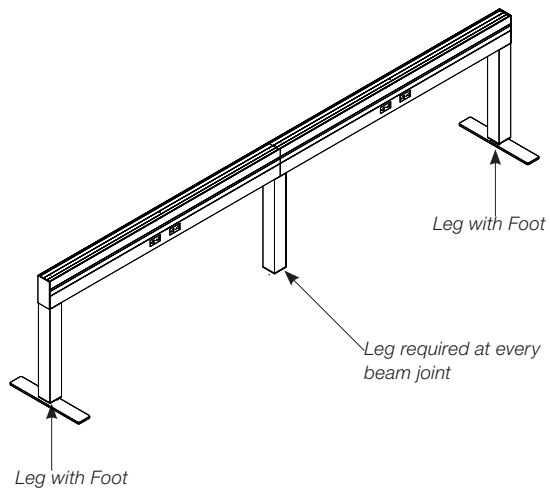
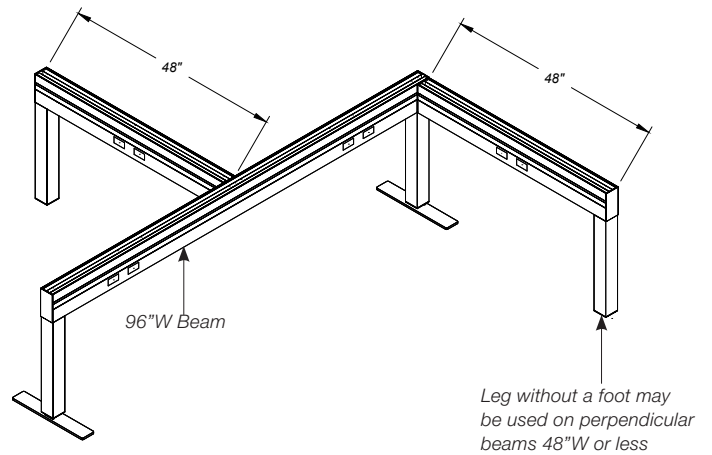
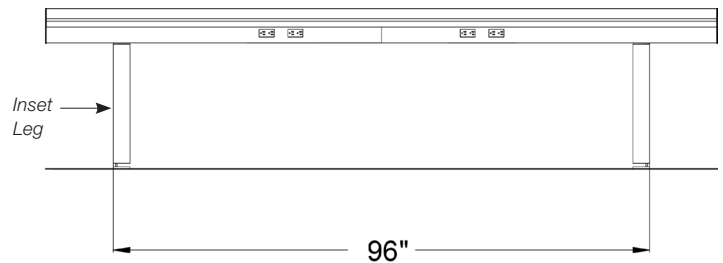
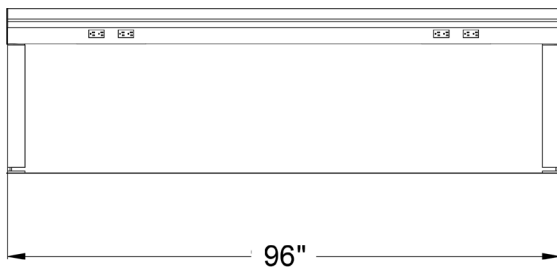


Figure 2



End Leg or Low Feet Guidelines

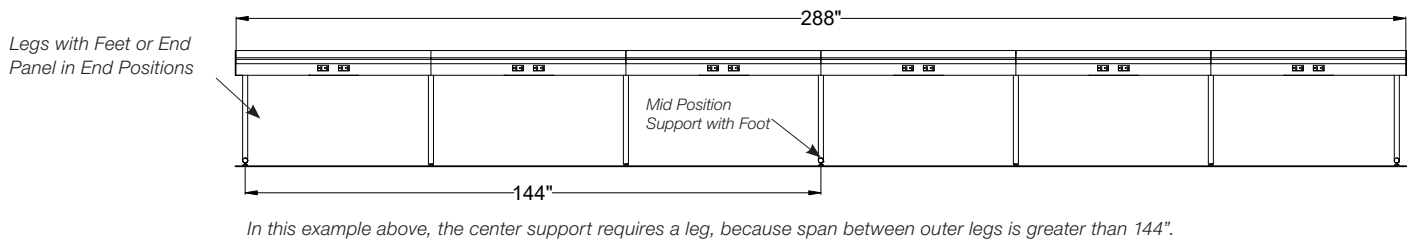
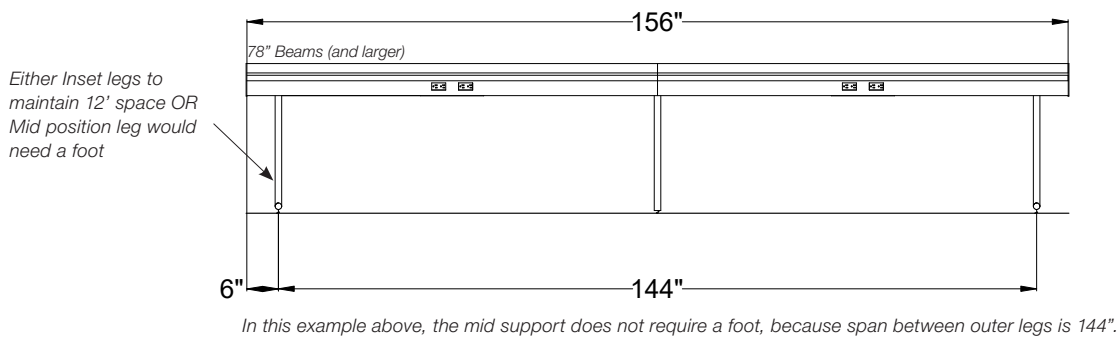
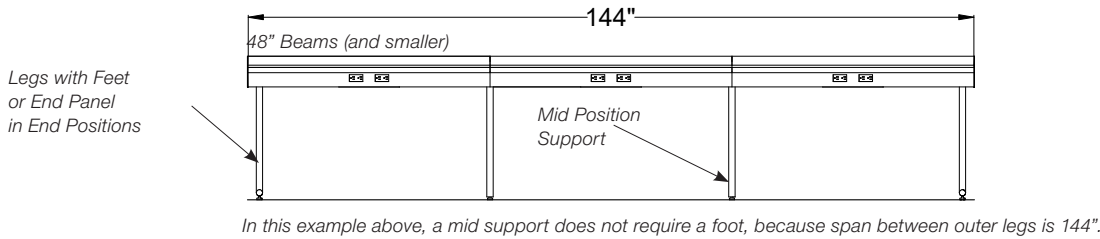
- + Unsupported spans are not to exceed 96\".
- + If a Single Beam is longer than 96\", legs can be inset to maintain the 96\" span. (See [Page 32](#) for inset rules based on leg type.)



Support Planning Guidleines

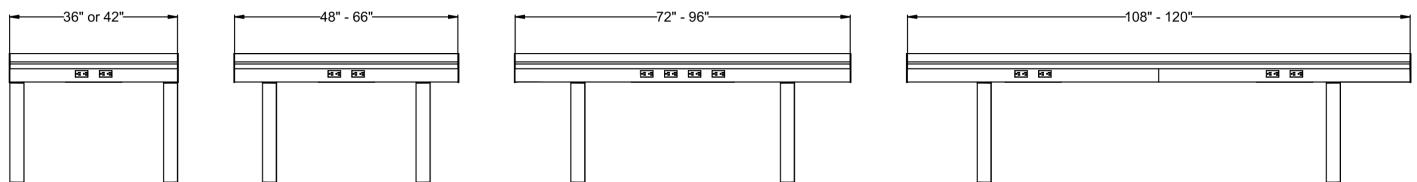
Intermediate Legs and Low Feet Guidelines

+ Intermediate Legs with Feet or Round T-Leg are required every 144"

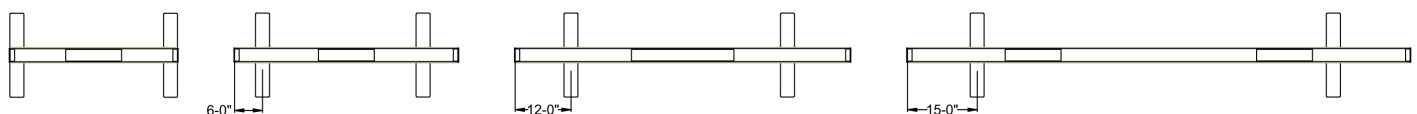


Insetting Square, Round End Leg and Low Feet Guidelines

- + Cannot be inset from the end of a 36" or 42" Beam
- + Can be inset up to 6" from the end of a 48" - 66" Beam
- + Can be inset of up to 12" from the end of a 72" - 96" Beam
- + Can be inset up to 15" from the end of a 108" - 120" Beam
- + "Inset" rules also apply to perpendicular Beams
- + Leg cannot be located directly under a power module

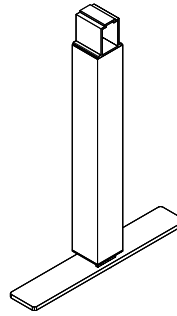


Elevation View



Supports

Square end legs maintain the 3" profile of the top portion of the beam, providing a clean tailored line from top to bottom. Square legs can be used to route power & data into the cluster

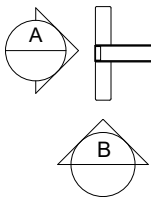


Square End Leg Guidelines

- + Square Legs are available in three heights: 22"H, 28.5"H and 34"H
- + Includes Foot
- + 3" Tunnel Attachment Bracket to attach to Beam
- + Optional Integral Cable Passage - Must specify with Grommet
- + For Use in End Position Only
 - Square End Leg without foot option can only be used on perpendicular beams 48"W or less
- + Legs can be inset, following guidelines on [page 32](#)
- + NYC Infeed Option Available (See [page 64](#) for planning with NYC Leg)
- + 1.5" Glide Adjustment. Metal foot plate sits flush on the floor and glide adjusts above plate.

Square End Leg Heights:

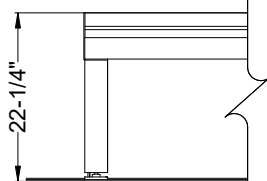
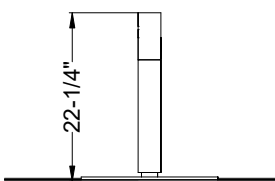
Plan View of Square End Leg Power Beam Application



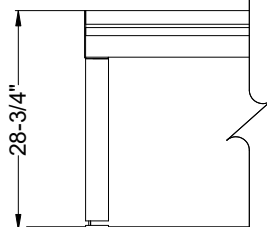
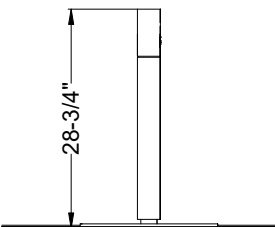
22H Square End Leg Elevations

Elevation A

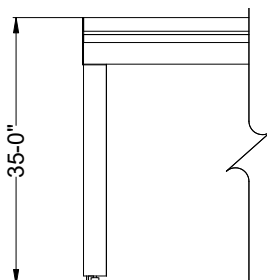
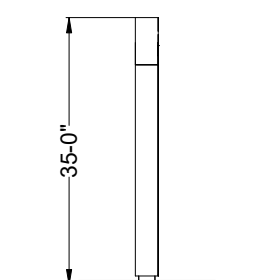
Elevation B



28H Square End Leg Elevations



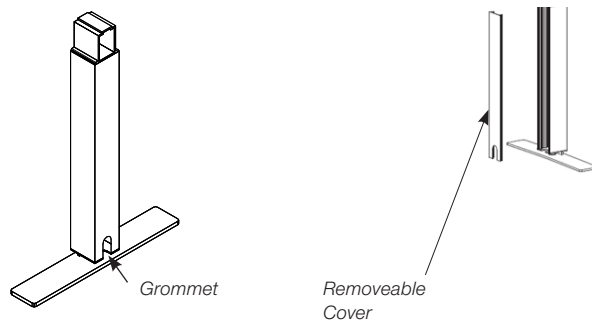
34H Square End Leg Elevations



Square End Leg with Foot and With Grommet:

Square End Leg can be specified with a Grommet located at the bottom of the column.

- + Grommet allows routing of wires from the floor up through the column of the leg and into the beam assembly.
- + Square Leg Grommet can route a Base Infeed as well as Data wires and cabling.
- + Grommet will always be located on the 'interior' side of the leg, underneath the beam. Grommet can be placed on right or left side
- + Side Cover with Grommet is removable.
- + Cable Capacity: 12 cat-6 cables + infeed



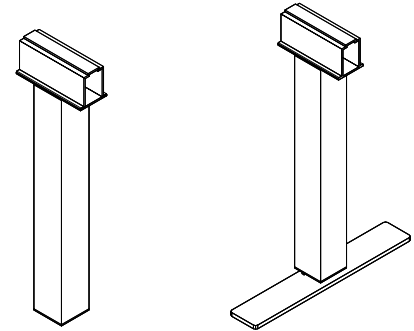
Example shown with Square End Legs in end positions.

Supports

Square mid-legs coordinate in style and detailing with the Square end legs for a cohesive aesthetic. Square mid legs can be used to route power & data into the cluster.

Square Mid Leg Guidelines

- + Square Legs are available in three heights: 22"H, 28.5"H and 34"H
- + Can be Specified with or without foot
- + Mid Leg Required at every beam junction
- + 7" Tunnel Attachment Bracket to attach to Beam
- + Optional Integral Cable Passage - Must specify with Grommet
- + For Use in Intermediate Position Only
- + NYC Infeed Option Available
- + 1.5" Glide Adjustment. Metal foot plate sits flush on the floor and glide adjusts above plate.

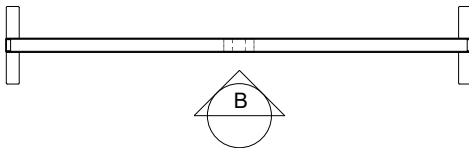


Without Foot

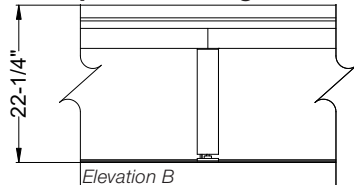
With Foot

Square Mid Leg Heights:

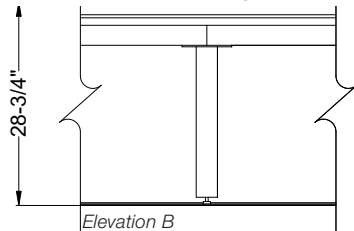
Plan View of Square Mid Leg (without foot) Power Beam Application



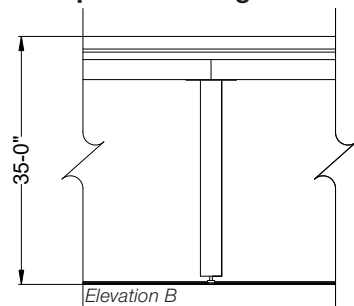
22H Square Mid Leg Elevations



28H Square Mid Leg Elevations



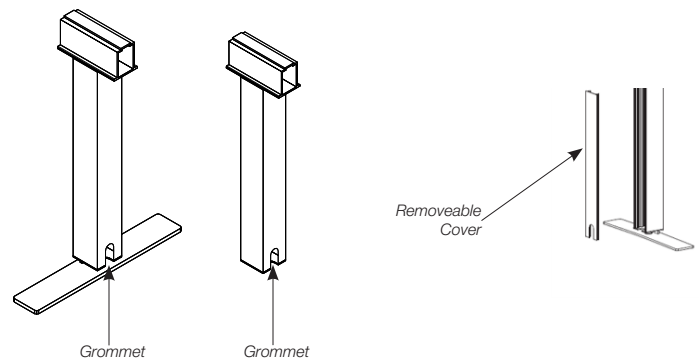
34H Square Mid Leg Elevations



Square Mid Leg with Foot and With Grommet:

Square Mid Leg can be specified with a Grommet located at the bottom of the column.

- + Grommet allows routing of wires from the floor up through the column of the leg and into the beam assembly.
- + Square Leg Grommet can route a Base Infeed as well as Data wires and cabling
- + Grommet will always be located on the 'interior' side of the leg, underneath the beam. Grommet can be placed on right or left side
- + Side Cover with Grommet is removable (see figure 1)
- + Cable Capacity: 12 cat-6 cables + infeed



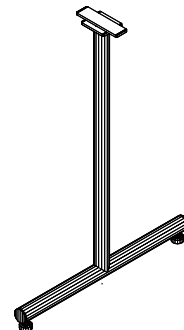
Example shown with End Panels at ends and Square Leg with Foot in the intermediate position.

Supports

Round legs offer a slim, unobtrusive alternative to support Power Beam. Legs can be located in the cluster to tuck in and around additional furniture elements.

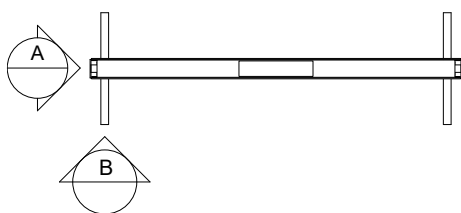
Round T-Leg Guidelines

- + Round I-Legs are available in three heights: 22"H, 28.5"H and 34"H
- + No Cable Passage Available
- + End or Mid Position
- + Mid Leg Required at every beam junction
- + Plan 2-1/2" Inset from the End of the Beam
- + Legs can be further inset, following guidelines on [page 32](#)
- + 3/4" Glide Adjustment.

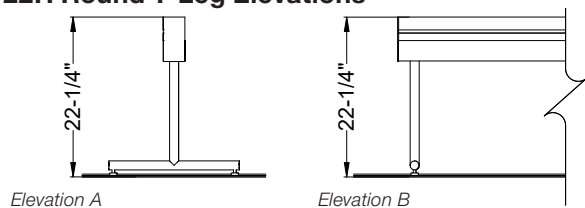


Round T-Leg Heights:

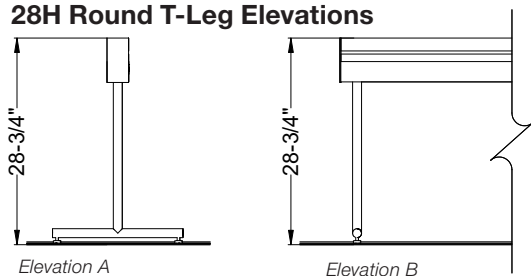
Plan View of Round T-Leg Power Beam Application



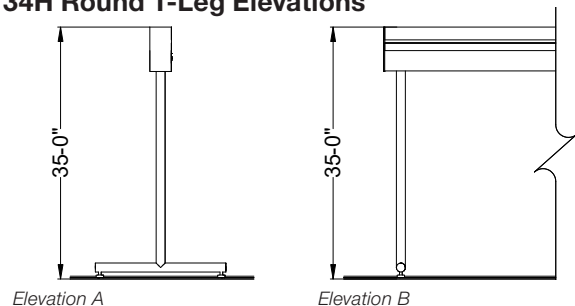
22H Round T-Leg Elevations



28H Round T-Leg Elevations



34H Round T-Leg Elevations



Example shown with Round T-Leg at ends.



Example shown with Round T-Leg at ends and Round I-Leg at Intermediate position.



Example shown with Round T-Leg at ends and Square Leg without Foot at Intermediate position.

Supports

Round legs offer a slim, unobtrusive alternative to support Power Beam. Round I-Legs offer the most clearance between supports.

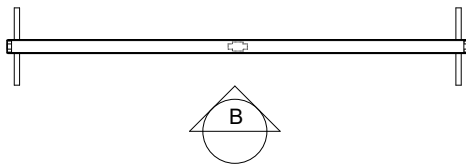
Round I-Leg Guidelines

- + End Panels are available in three heights: 22"H, 28.5"H and 34"H
- + No Cable Passage
- + Mid Position Only
- + Mid Leg Required at every beam junction. Refer also to rules regarding placement of intermediate legs with feet.
- + 1.5" Glide Adjustment.

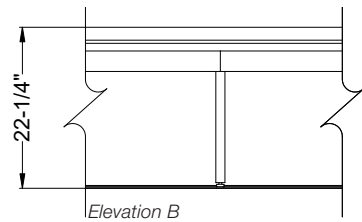


Round I-Leg Heights:

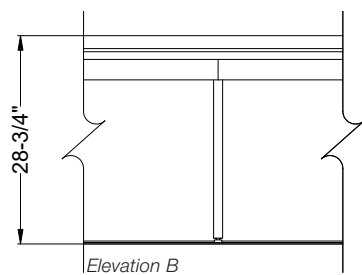
Plan View of Round I-Leg Power Beam Application



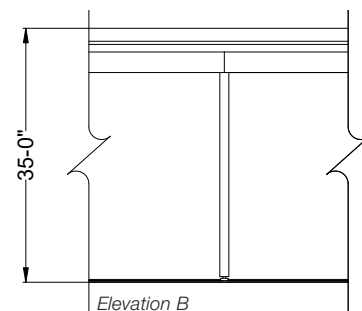
22H Round I-Leg Elevations



28H Round I-Leg Elevations



34H Round I-Leg Elevations



Example shown with End Panels at ends and Round I-Leg at Intermediate position.



Example shown with Round T-Leg at ends and Round I-Leg at Intermediate position.



Example shown with Square End Legs and Round I-Leg in the intermediate position.

Supports

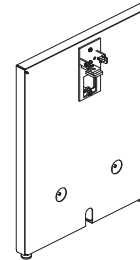
The End Panel with Cable Passage provides support and cable routing for Antenna Power Beam, but also

offers a more closed in and private aesthetic at the end of a beam run.

End Panel Guidelines:

End Panels are available in two heights: 22"H and 28.5"H

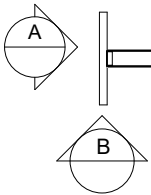
- + Grommet for Cable Passage
- + Specified in End positions only
- + Cannot be Inset as End Panel attaches to the end of the Beam
- + No Beam End Cap is required when using an End Panel
- + 1" Glide Adjustment.



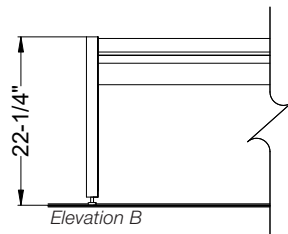
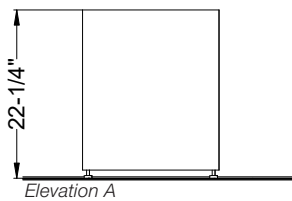
Interior View of End Panel

End Panel Heights:

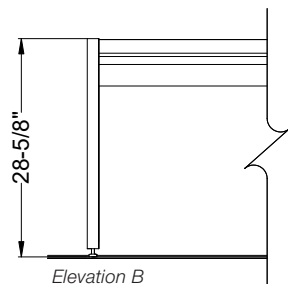
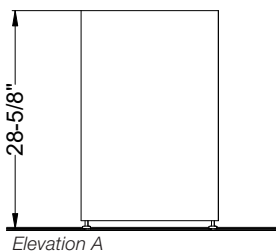
Plan View of Square End Leg Power Beam Application



22H End Panel Elevations



28H End Panel Elevations



End Panel with Cable Pathway:

- + End Panel comes standard with a Cable Pathway and Grommet at bottom interior of the end panel for Cable routing:
- + Grommet allows routing of wires from the floor up through the end panel of the leg and into the beam assembly.
- + Cable Capacity: 12 cat-6 cables + infeed



Example shown with End Panels and Round I-Leg.



Example shown with End Panels and Square Intermediate Leg without a Foot.

Order Code Information *Example: YNSCEP28*

[YNS] for Power Beam Supports

[CEP] for End Panel

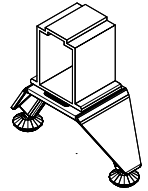
[28] for Height (or 22)

Supports

The low beam foot allows the Power Beam to stay fully out of the way of height-adjustable desks and other mobile furniture.

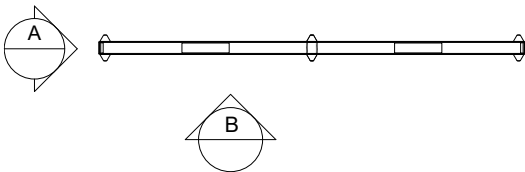
Low Beam Foot Guidelines

- + Low Beam Foot is positioned at the end of the beam in the same location that a Square End Leg would be located.
- + Used in End and Mid Positions
- + Legs can be inset, following guidelines on [page 32](#)
- + Low Beam Foot is installed at the end of the beam. When planning multiple inline beams, the low beam foot straddles the beam splice location.
- + Spacing rules are same as Square or Round Legs (See Support Planning Guidelines [Page 31](#) and [Page 32](#))
- + 1" Glide Adjustment.



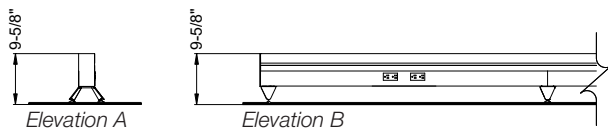
Low Beam Foot Heights:

Plan View of Low Beam Foot Power Beam Application



Example shown with Low Beam Foot at ends and at Intermediate position.

9H Low Beam Foot Elevations

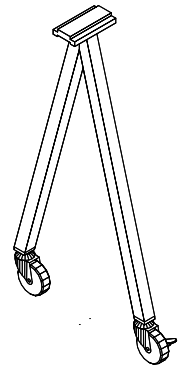


Supports

The Power Beam Mobile A-Leg paired with cordset power creates a mobile power option ideal for agile workspaces.

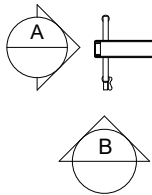
Mobile A-Leg Guidelines

- + Mobile A-Legs are available in two heights: 22"H, 28.5"H
- + No Cable Passage
- + Mobile A-Leg can only be used in single beam application up to 120"W
- + Leg Requirements:
 - 2 legs for beams 36"-96"W,
 - 3 legs for 108"W and 120"W
 - Note: If Legs are inset as noted below, two legs can support a 108" or 120" beam.
- + A Legs can be inset up to 12". Maximum unsupported span is 96", so inset legs must maintain 96" span or an additional Mobile A-Leg would need to be added.
- + Shipped standard with One Locking and One Non-Locking Caster
- + **When specifying power:** Mobile A-Legs are ONLY for use with Cordset Power (# YNRLCDOS) and Simplex and USB Cover (# YNC_ _S4)

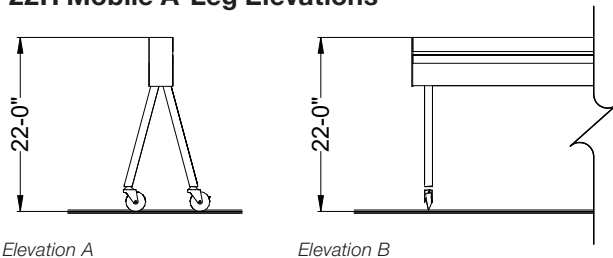


Mobile A-Leg Heights:

Plan View of Mobile A-Leg Power Beam Application

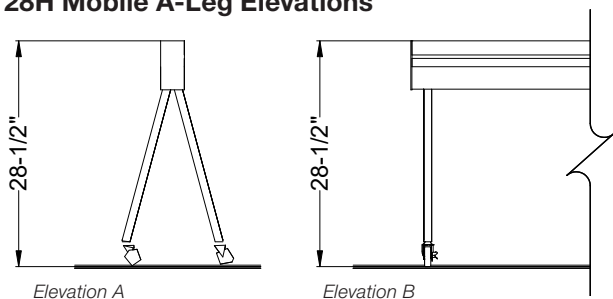


22H Mobile A-Leg Elevations



Example shown with Mobile A-Legs at end positions.

28H Mobile A-Leg Elevations

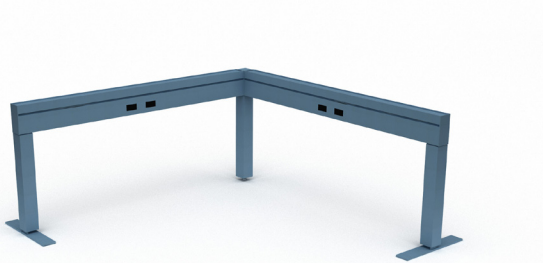


Example shown with Mobile A-Legs at ends and at Intermediate position.

Junctions

Inline, 2-way, 3-way, and 4-way 90 Degree Junctions are available. 3-way 120 Degree Junctions are also available to support organic planning.

All Junctions are available in either Round or Square Profile.

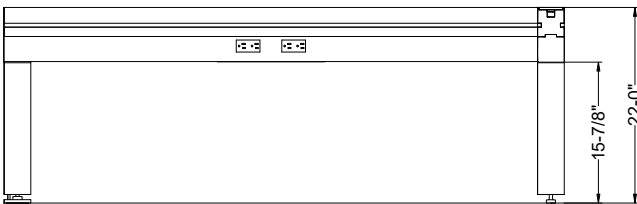


Square End Leg and Junction Example

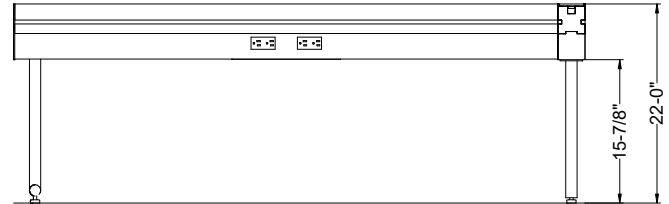


Round End Leg and Junction Example

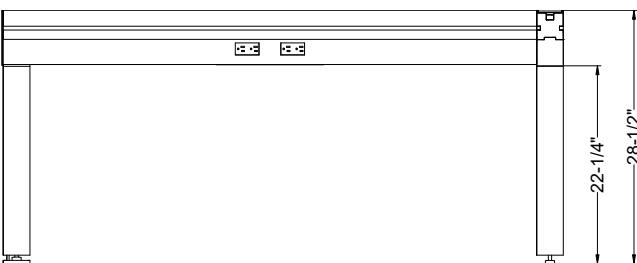
Junction Heights



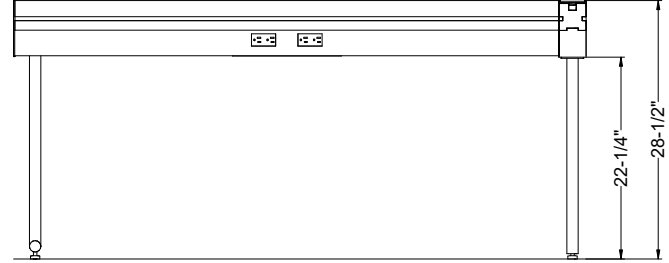
Square Style Junction Leg | 22"H



Round Style Junction Leg | 22"H



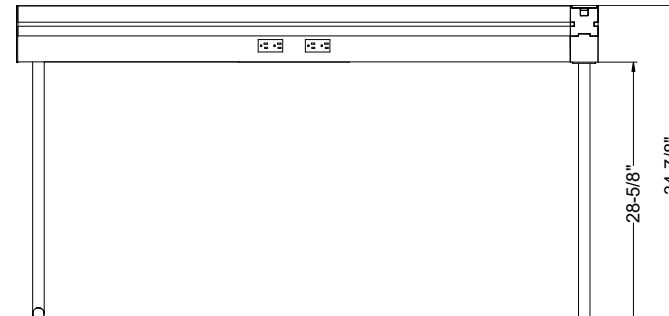
Square Style Junction Leg | 28"H



Round Style Junction Leg | 28"H



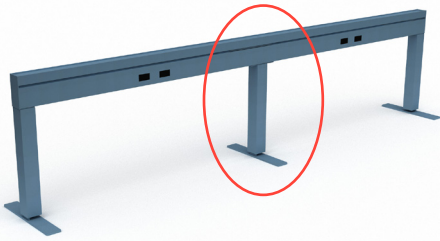
Square Style Junction Leg | 34"H



Round Style Junction Leg | 34"H

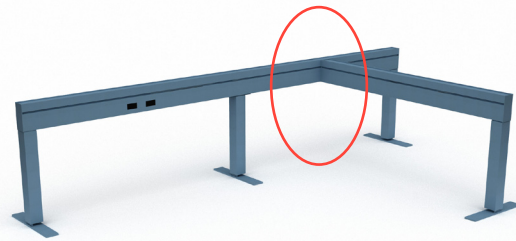
***Note:** Leg styles do not need to match in a beam run. However, leg heights must be consistent.

Junctions



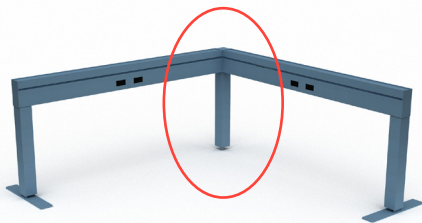
Inline

Inline Application utilizes a Mid Leg (Square or Round).
Shown above with Square Leg with Foot



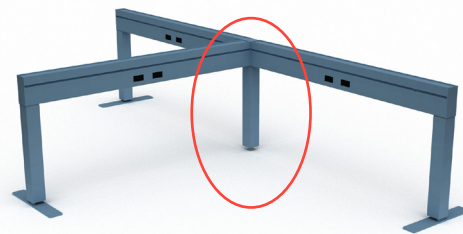
Off Module

An Off-Module application utilizes a Beam Starter to allow a Beam to be installed off-module along the beam spine without the need of a connector/junction.



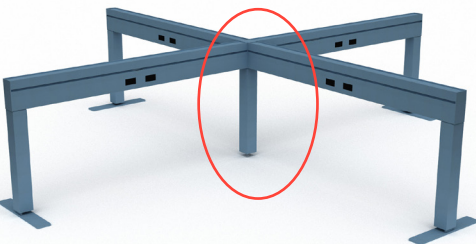
Two Way

Use a Two-Way Junction to create an L-Shape with Antenna Beam.



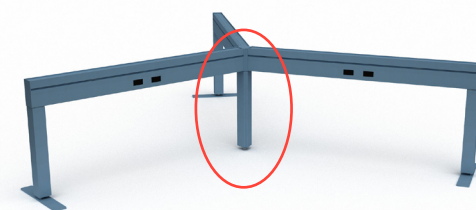
Three Way

Use a Three-Way Junction to create a T-Shape with Antenna Beam.



4-Way

Use a Four-Way Junction to create an X-Shape with Antenna Beam.



120 Degree

Use a 120 Degree Junction to create a 120 Degree 3-Way Spine.

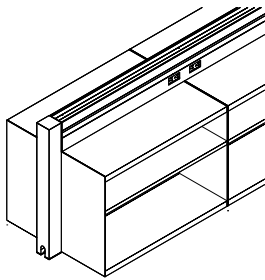
Power Poles

Antenna Power Beam Power Poles are specified to route power from the ceiling to the Beam and also to route a base infeed from the floor up to the Beam.

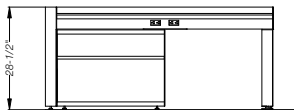
120" and 144" Power poles that extend to the ceiling can be used in place of a junction or at the end of a run.

28" and 34"H Power Poles are used at the end of a run, adjacent to Hybrid Storage to route power from the floor to the interior of the beam.

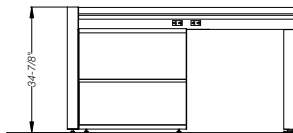
Power Pole Heights



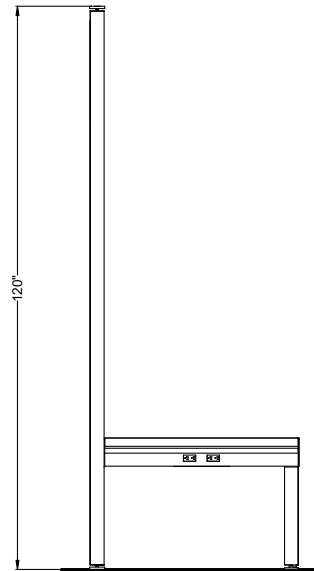
Example: 28H Power Pole at end of Beam Run specified with Lower Hybrid Storage



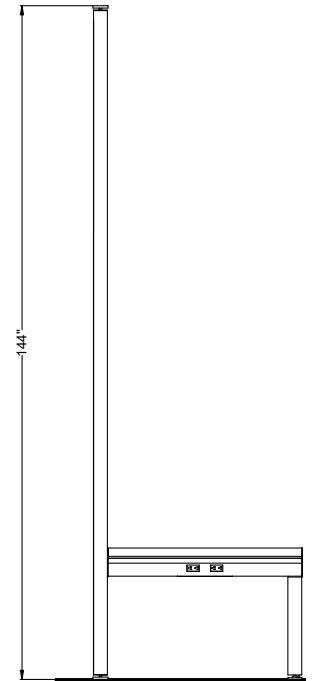
28"H Power Pole



34"H Power Pole



120"H Power Pole



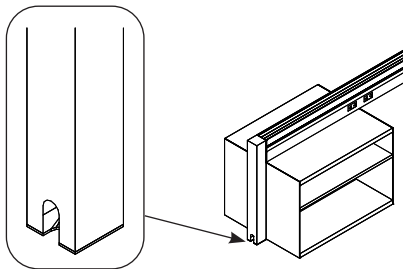
144"H Power Pole

28H and 34H Power Poles for use with Floor Infeeds
For use with adjacent Hybrid Storage

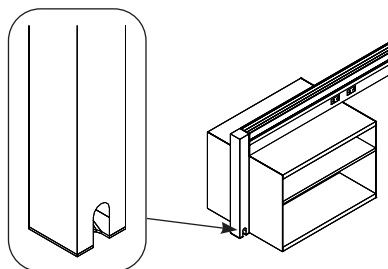
120H and 144H Power Poles for use with Ceiling Infeeds

Power Pole Grommets

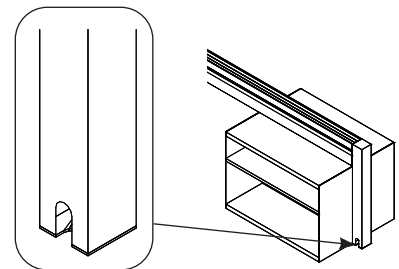
Power Poles come with a notched out grommet at the bottom of the power pole that is to be used for infeed or wire access from the floor. You can also specify on which side of the power pole the grommet is located.



Power Pole with Hand Not Specified
Locates Grommet on the outside of the Power Pole.

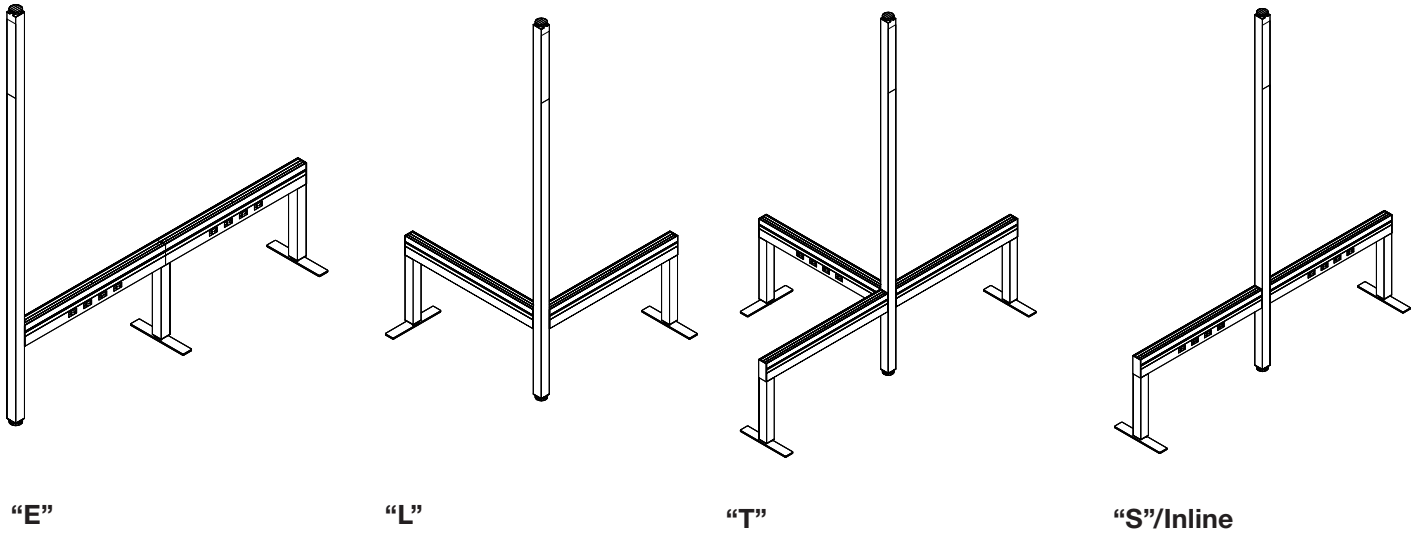


Power Pole with Left Handed Grommet
Locates Grommet Left of the Beam when facing Beam Configuration and Power Pole is located on the Left



Power Pole with Right Handed Grommet
Locates Grommet Right of the Beam when facing Beam Configuration and Power Pole is located on the Right

Power Poles



Power Pole Locations

E-Pole Supports end of beam, offers removable cover on any of the 3 sides (S/L/R)

- + removable cover on opposite beam
- + removable cover left of beam
- + removable cover right of beam

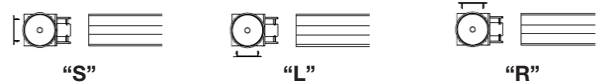
L-Pole supports two beams, offers removable cover on either of the 2 sides not supporting a beam (L/R)

- + removable cover left
- + removable cover right

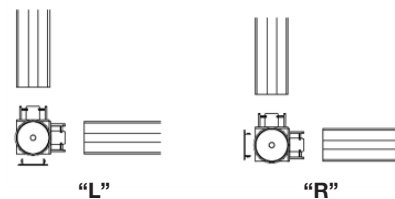
T-Pole supports three beams, removable cover on 4th side not supporting beam

S-Pole/In-line supports two beams on opposite sides, removable cover on one side not supporting a beam

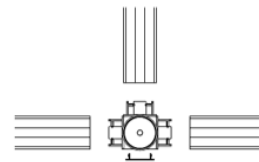
E-Pole Plan View



L-Pole Plan View



T-Pole Plan View



S-Pole Plan View

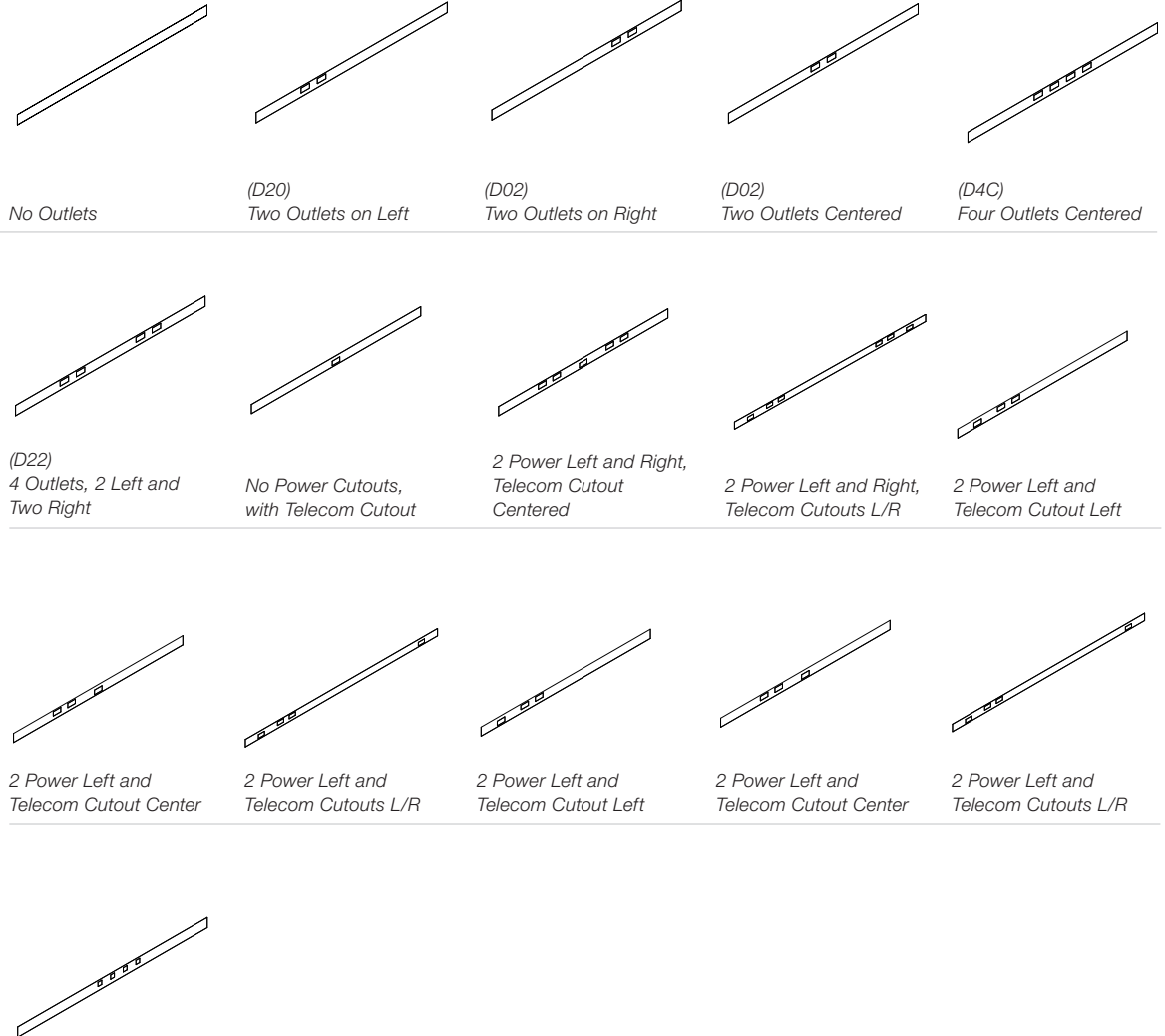


***Notes:**

There is no 4-Way "X" Power pole option at this time
Cable Capacity of Power Pole: 12 cat-6 cables + infeed

Cover Options

Full Width and Shortened Side Covers



Plug-In Outlet Side Covers

Simplex and USB Outlets Centered

Simplex and USB Outlet Cover can only be used with Plug and Play configurations. See [Page 48](#) for Cover application and guidelines.

Beam Covers

Beam Covers are installed on the side/face of the Beam with the use of the anchor brackets that are included with a beam, to conceal power and data that is installed behind the covers.

Covers can be specified with cutouts for power and/or data access, or without cutouts when power access and communications are not required.

Beam Covers without Telecom Cut Outs

Part Number Break Down Example:

YNC 48 D2C 00

Number indicates width of Cover
(this is a 48W Cover)

Letter/Number here indicates number of cutouts and locations.

D = Cutouts

2 = number of power cutouts (Qty 2)

C = Location (Centered)

N = No Cutouts

D22 = 2 Power left and 2 power right

D4C = 4 Power Centered

D2C = 2 Power Centered

D20 = 2 Power Left, 0 Right

D02 = 0 Power Left, 2 Right

Number here indicates clipping (shortened) options (00=Full Width shown here)

00 = Full Width

10 = 1.5" less wide on left side

01 = 1.5" less wide on right side

11 = 1.5" less wide on both left and right sides

31 = 3" less wide on left side, 1.5" less on right side

13 = 1.5" less wide on left side, 3" wide on right side

30 = 3" less wide on left side

03 = 3" less wide on right side

Beam Covers with Telecom Cut Outs

Part Number Break Down Example:

YNC 48 D2C TL00

Width information as above

Power Cutout information as above

Cover length Clipping as above

Letters here indicate location of Telecom Cut Outs

TL = Telecom Cutout Left

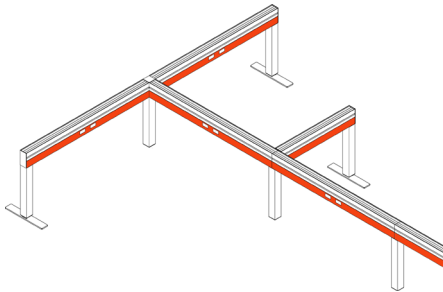
TR = Telecom Cutout Right

TC = Telecom Cutout Center

TX = Telecom Cutout Left and Right

Beam Covers Specification Guidelines

- + Specify Full Cover length to match the length of the corresponding Beam.
 - For Example: If the Beam is 60"W, you will need to specify a 60"W Cover.
- + Full Width Covers cover the Full width of the Beam. Shortened Covers are used when Beam starters are installed along Beam Face. See **Page 47** for more details on use of Shortened Covers.
- + Cover must be specified for both sides of the Beam. A cover with cutouts must be specified on both sides of the beam in order to have access to power on both sides.
- + A Beam Starter can be installed directly on top of a cover, but this will prevent the capability of power being routed into the the Beam Starter Beam.
- + Multiple Covers can be installed on a Single Beam and will be necessary in some situations when a Beam Starter is being used on a single Beam. However, Beam covers are slightly undersized by .030" on each end to prevent interference with standard product tolerances. It is not recommended to plan for more than 2 covers per Beam to avoid gaps.
- + One Cover can span more than 1 Beam as long as the beam splice is not interrupted by a junction leg. Meaning, a Cover cannot span over a junction leg.
- + Beam Covers are required on all Power Beam configurations to provide concealment of tunnel attachment channels on the legs and the power harnesses and jumpers that run behind the covers. However, covers do not provide structure or stability to the Power Beam assembly.



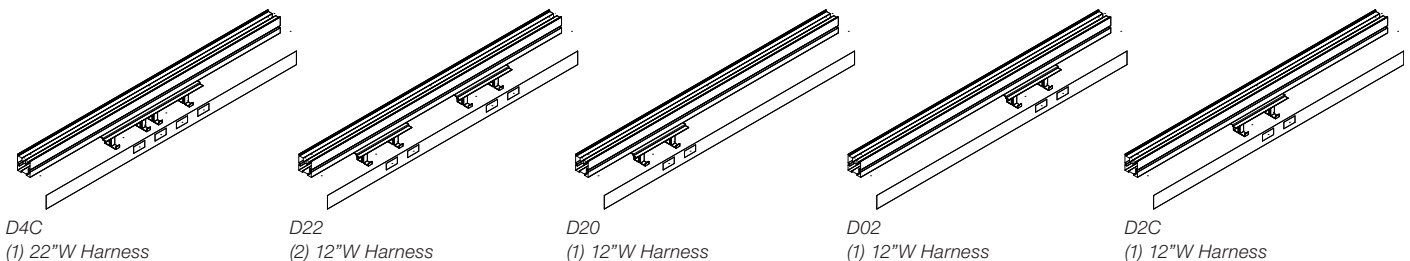
Color Indicates Location of Full Width Beam Covers

Beam Covers and Power Harness:

D4C Outlet Cover (4 Centered Outlets) only be used with a 22"W Power Module.

D22 Outlet Cover (2 Left Outlets and 2 Right Outlets) will accommodate up to (2) 12"W Power Modules.

D20 (2 Left Outlets), D02 (2 Right Outlets) and D2C (2 Centered Outlets) will each accommodate (1) 12"W Power Module.



Specification Note:

Covers that include Telecom cutouts also follow these Power cutout and Power Module allowable configurations.

Shortened Covers

Shortened Beam Covers are specified when a perpendicular beam with a beam starter is placed in an off-modular location along the Beam run. The shortened beam cover allows power to be routed from the main

Beam to the perpendicular beam. Shortened Covers come in a various lengths to accommodate different off-modular applications.

1.5" Shortened Cover is for use when:

- + A Beam with a starter is positioned perpendicular and centered on the seam of two inline beams. Both inline beams will require a 1.5" Shortened Cover. (See Figure A Below)

1.5" or 3" Shortened Cover is for use when:

- + A Beam with a starter is positioned perpendicular to a single beam. Specify (2) 1.5" Shortened Covers for each side of the beam with starter (See Figure B Below) OR specify (1) 3" Shortened Cover for one side of the beam. (See Figure C Below)

4.5" Shortened Cover is for use when:

- + Two Beams with starters are positioned perpendicular to a single beam. One of the beams with starter is positioned fully on a the single Beam (taking up 3" of space on beam) and a second Beam with Starter is positioned half way on the same single beam (taking up 1.5" on beam). (1) 4.5" Shortened Beam Cover is required to fit between the two Beams with Starters. (See Figure D Below)

Figure A: 1.5" Shortened Covers

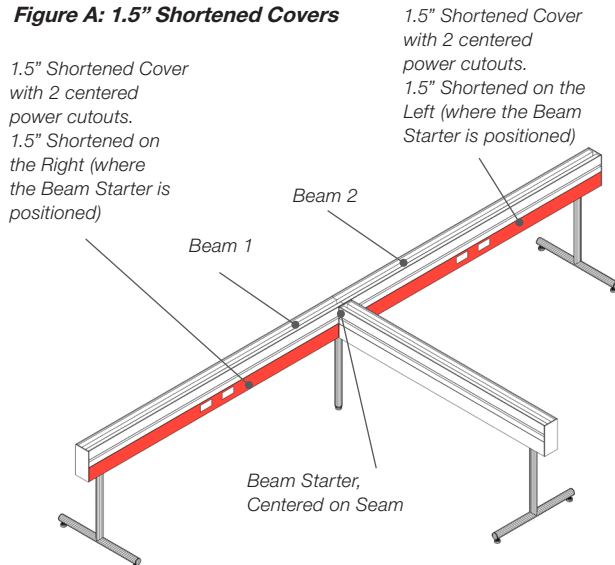


Figure B: 1.5" Shortened Covers

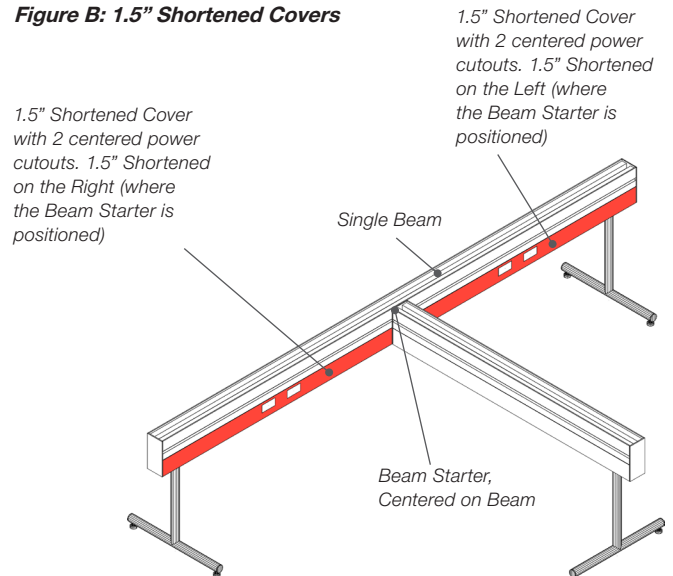


Figure C: 3" Shortened Covers

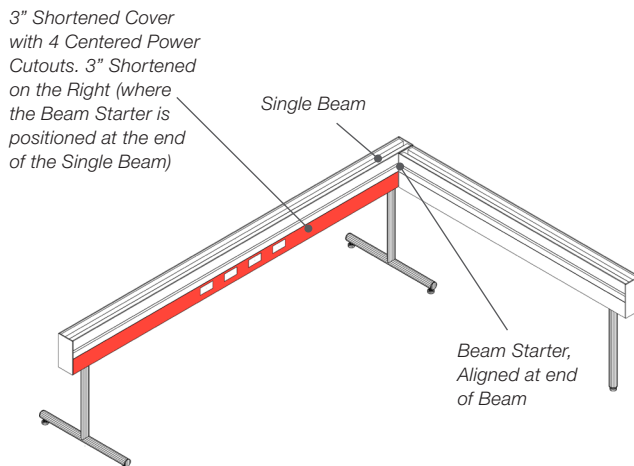
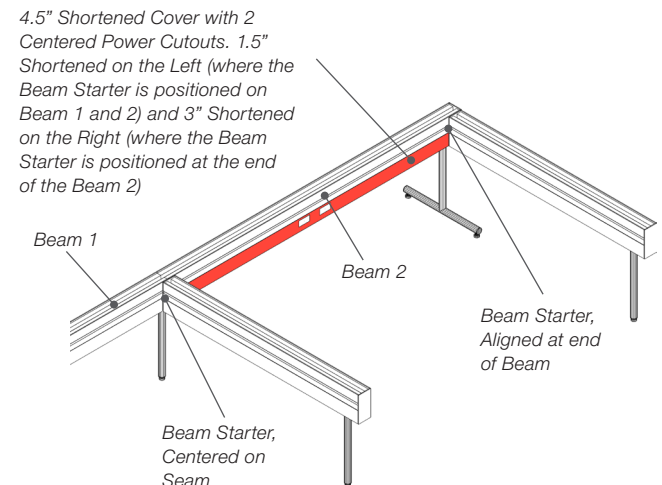


Figure D: 4.5" Shortened Covers

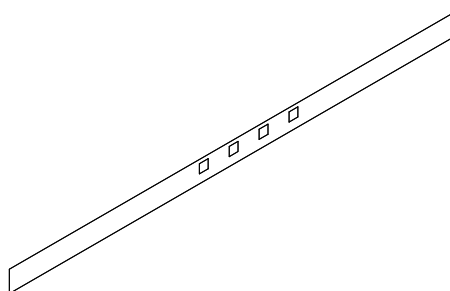
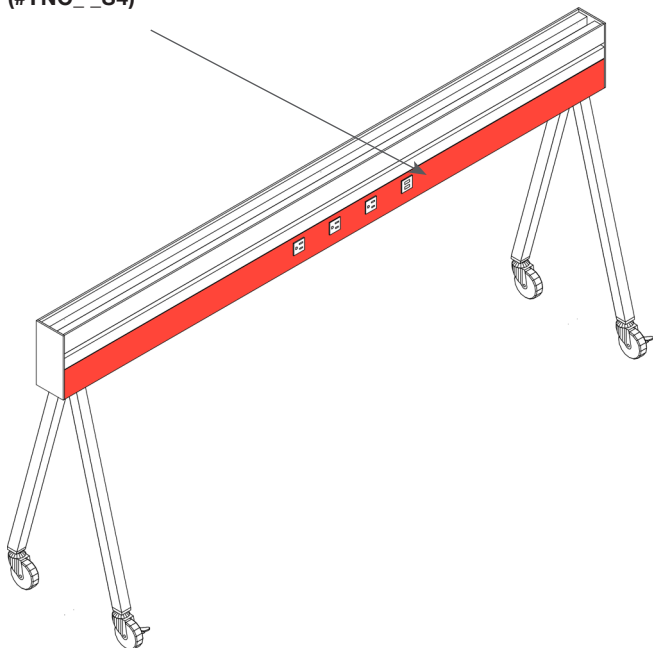


Simplex and USB Covers

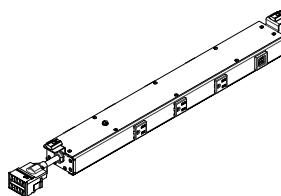
Simplex and USB Covers are designed for use with Plug-In configurations only (# YNC_ _S4). The Simplex & USB cover accommodates the locations of the integral

outlets & USB located in the plug-in dual outlet strip. Four Outlets are centered on the Cover.

**Simplex and USB Cover
(#YNC_ _S4)**



Simplex and USB Cover



Dual Outlet Strip # YNRLCDOS
For use with Simplex and USB Cover

Simplex and USB Cover Specification Guidelines:

- + Specify cover length to match the length of the corresponding Beam.
- + For Example: If the Beam is 60"W, you will need to specify a 60"W Cover.
- + Simplex and USB Covers must be specified with Plug and Play configurations when Plug-In Power Harness is specified.
- + You may specify a No Knockout Cover for use with Mobile, A-Leg Configurations when No Power is being specified in the Beam. Covers need to be specified for both sides of the Beam.



Note: See [Page 62](#) for instructions on how to specify power components for Plug-in Power



Beam Electrical

Category Overview and Features

Antenna Power Beam offers 3 standard Hardwired Electrical wiring systems: 2+2, 3+3 and 4-4-2. A Cordset power version is also available for Plug In applications requiring a reduced amount of amperage meant for mobile and temporary use.

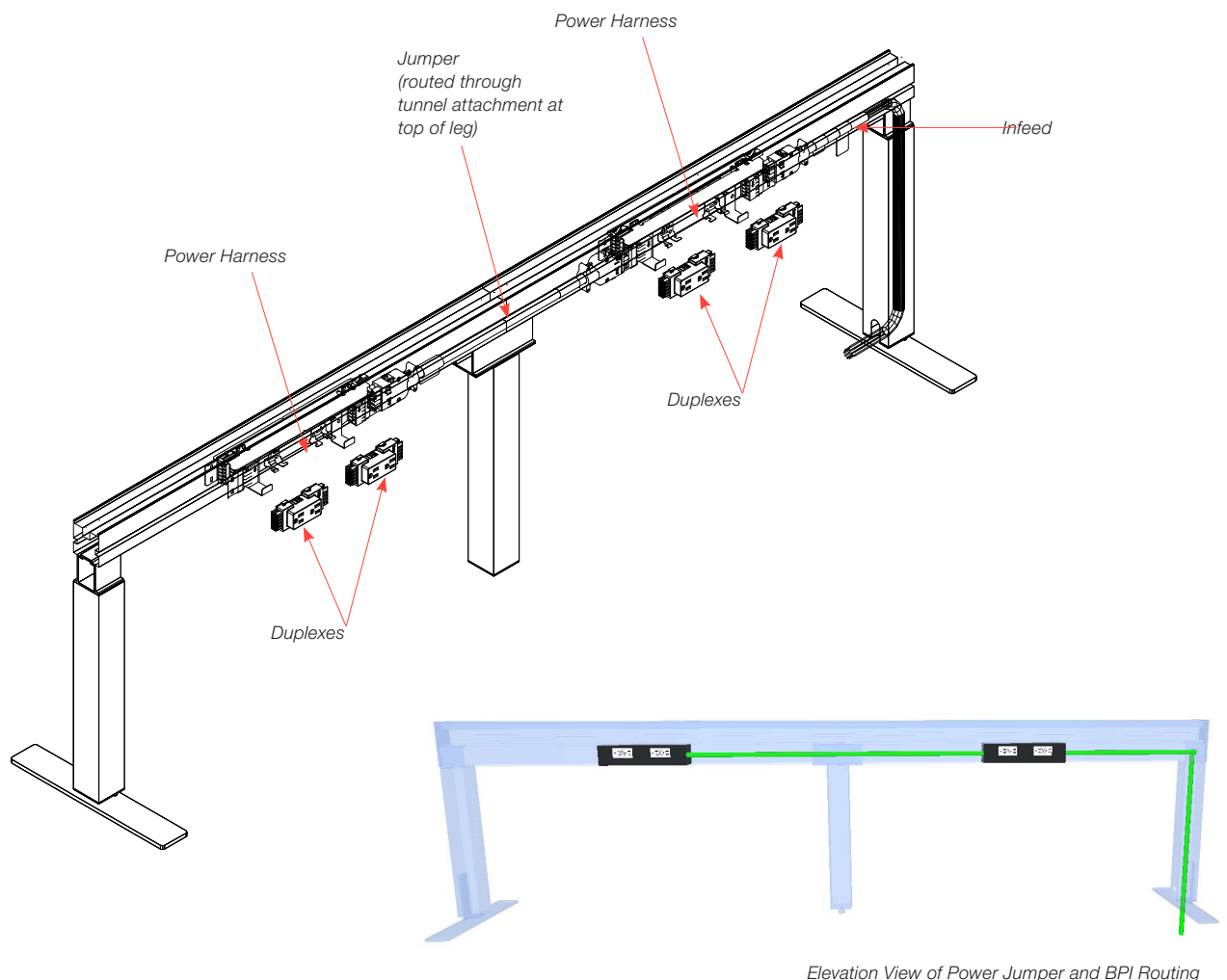
The diverse electrical offerings provide opportunities for a variety of electrical configurations for endless application settings.

Power Beam Components include Power Harnesses, Duplex Outlets, Duplex USB outlets, Outlet Fillers, Jumpers, Infeeds, and Hardwire Outlet Boxes for City of Chicago applications.

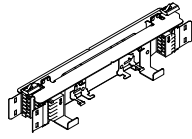
Infeeds will bring power from a Floor Core or Ceiling Feed directly to a Power Harness which is positioned along the Beam. Power Harnesses are then connected together with Jumpers that can span from 12" up to 147".

Standard Duplex Outlets and USB Outlets are installed in the Power Harness. Outlet Fillers can be specified to cover unused cutouts along the Beam for a cleaner aesthetic.

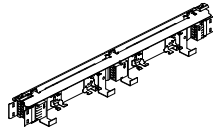
Cables are managed under the beam with anchor brackets. Single wires can be secured with Beam Cable Clips. Infeeds are housed within Vertical Wire Managers, Legs with Cable Management Capacity, within Antenna Hybrid storage with Tech back, or Power Poles.



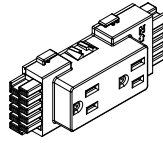
Statement of Line



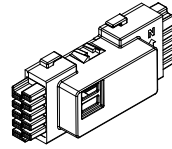
Power Harness 12"



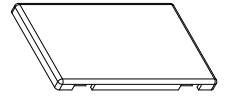
Power Harness 22"



Duplex

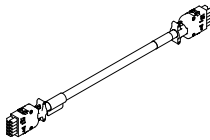


USB Outlets

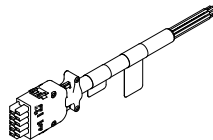
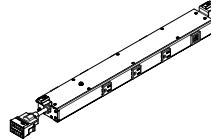
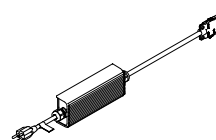
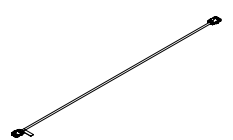


Outlet Filler

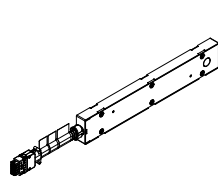
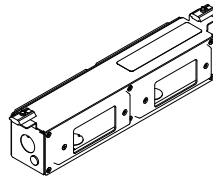
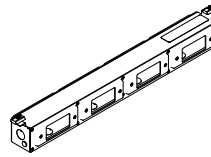
Power Harnesses, Duplexes



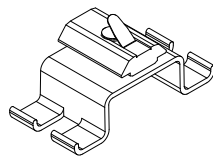
Jumper Cable

Infeed (Base and
Ceiling)Dual Outlet Strip for
Plug in ApplicationsCordset Power
StarterCordset Power
Jumper

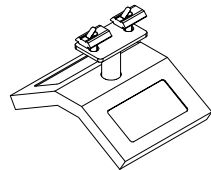
Jumpers, Infeeds, Cordset

Vertical Infeed
for NYCOutlet Box for City of
Chicago 12"Outlet Box for City of
Chicago 24"

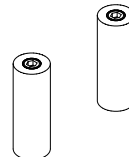
Jumpers, Infeeds, Cordset

Vertical Wire
Manager

Beam Cable Clip



Data Plate



Extension Kit

Wire Management

Power Systems 2+2, 3+3 and 4-4-2 Technical Specifications

2+2

Four 20-amp circuits, 8 wire configuration with four hots (12 gauge), two neutrals (10 gauge, 35A rated), two grounds.

Power harness and outlet modules: steel enclosure between molded polypropylene distribution blocks, 8-wire.

Jumper cables: flexible steel conduit, 8-wire

Outlets: molded polycarbonate duplex preconfigured as circuit A, B, X, Y

Outlets available in Black or White and with Controlled Symbol or Orange Triangle, or as Orange Outlet (Circuits X, Y only)

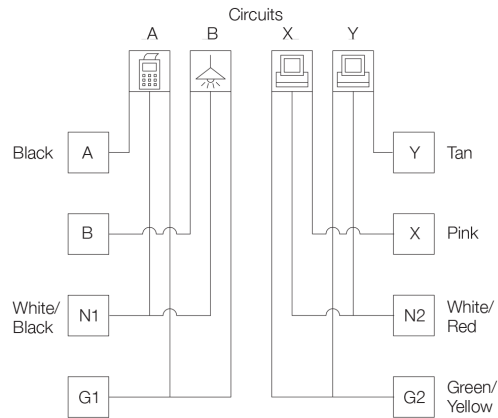
Infeed: watertight conduit with 85" whip, ceiling infeed with 144" or 240" whip, or hardwire box which mounts to underside of beam, 8-wire

Load should be balanced evenly among power circuits.

The 2+2 electrical system plug-in duplex receptacles are rated 15A (5-15R). Circuits will accommodate 120 volt single phase, 120/240 volt split phase and 120/208 volt three phase power.

In accordance with US National Electric Code (NEC), the total planned load should not exceed 80% of the circuit ampere rating, or 16 amps.

Canadian Electrical Code (CEC) calls for the circuit's overcurrent protection rating to match the 15A receptacle rating. Therefore, 15A Circuit Breakers are required in the panel box. 15A circuit total planned loads should not exceed 80% of capacity or 12 amps.



3+3

Six 20-amp circuits, 10 wire configuration with six hots (12 gauge), two neutrals (10 gauge, 35A rated), two grounds.

Power harness and outlet modules: steel enclosure between molded polypropylene distribution blocks, 10-wire.

Jumper cables: flexible steel conduit, 10-wire

Outlets: molded polycarbonate duplex preconfigured as circuit A, B, X, Y, Z

Outlets available in Black or White and with Controlled Symbol or Orange Triangle, or as Orange Outlet (Circuits X, Y, Z only)

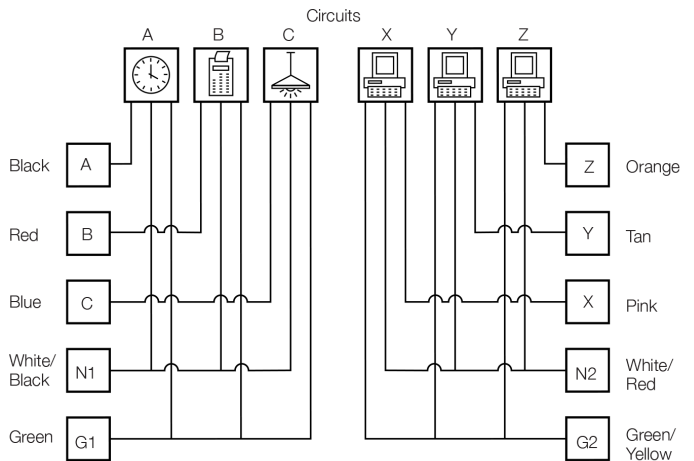
Infeed: watertight conduit with 85" whip, ceiling infeed with 144" or 240" whip, or hardwire box which mounts to underside of beam, 10-wire

Load should be balanced evenly among power circuits.

The 2+2 electrical system plug-in duplex receptacles are rated 15A (5-15R). Circuits will accommodate 120 volt single phase, 120/240 volt split phase and 120/208 volt three phase power.

In accordance with US National Electric Code (NEC), the total planned load should not exceed 80% of the circuit ampere rating, or 16 amps.

Canadian Electrical Code (CEC) calls for the circuit's overcurrent protection rating to match the 15A receptacle rating. Therefore, 15A Circuit Breakers are required in the panel box. 15A circuit total planned loads should not exceed 80% of capacity or 12 amps.



Power Systems 2+2, 3+3 and 4-4-2 Technical Specifications

4-4-2 (Independent Neutral)

Four 20-amp circuits, 10 wire configuration with Four hots (12 gauge), Four neutrals (12 gauge), two grounds.

Power harness and outlet modules: steel enclosure between molded polypropylene distribution blocks, 10-wire.

Jumper cables: flexible steel conduit, 10-wire

Outlets: molded polycarbonate duplex preconfigured as circuit 1, 2, 3, 4

Outlets available in Black or White and with Controlled Symbol or as Orange Outlet (Circuits 3, 4 only)

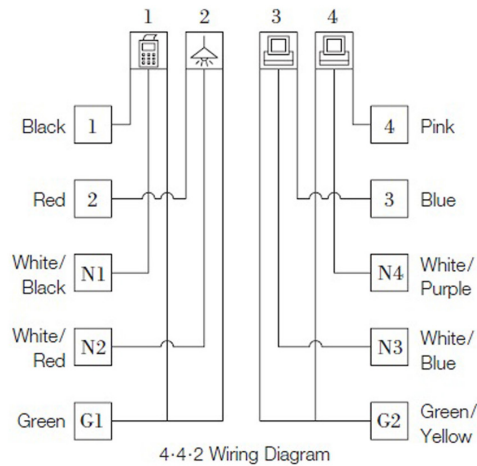
Infeed: watertight conduit with 85" whip, ceiling infeed with 144" or 240" whip, or hardwire box which mounts to underside of beam, 10-wire

Load should be balanced evenly among power circuits.

The 2+2 electrical system plug-in duplex receptacles are rated 15A (5-15R). Circuits will accommodate 120 volt single phase, 120/240 volt split phase and 120/208 volt three phase power.

In accordance with US National Electric Code (NEC), the total planned load should not exceed 80% of the circuit ampere rating, or 16 amps.

Canadian Electrical Code (CEC) calls for the circuit's overcurrent protection rating to match the 15A receptacle rating. Therefore, 15A Circuit Breakers are required in the panel box. 15A circuit total planned loads should not exceed 80% of capacity or 12 amps.

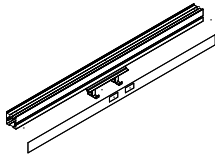
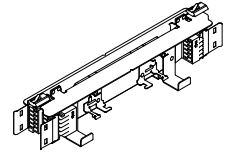


Power Harnesses

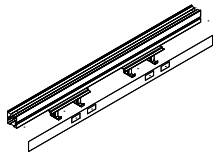
12" Power Harness (# YNR_H12)

This Power Harness has locations for 2 Duplex Outlets on each side of Harness, for a total of 4 Duplexes per 12" Power Harness.

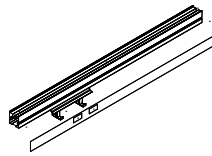
It should be specified with Covers that have 2 Power cutouts (2 power cutouts centered, 2 power cutouts left, 2 power cutouts right, or 2 power cutouts left and right)



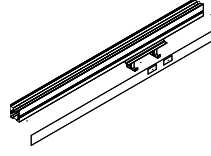
(1) 12"W Harness
D2C Cover (2 Centered
power cutouts)



(2) 12"W Harness
D22 Cover (2 Right and
2 Left power cutouts)



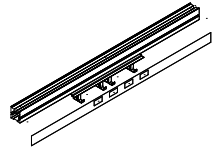
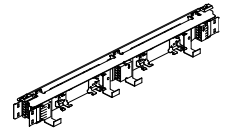
(1) 12" Harness
D20 Cover (2 Left power
cutouts)



(1) 12" Harness
D02 Cover (2 Right
power cutouts)

22" Power Harness (# YNR_H22)

This Power Harness has locations for 4 Duplex Outlets on each side of the Harness, for a total of 8 Duplexes per 22" Harness. It should be specified only with Covers that have 4 power cutouts Centered on Beam.



(1) 22"W Harness
D4C Cover (4 Centered
power cutouts)

Note: Covers are specified individually, therefore you must specify a Cover with Cutouts for both sides of the Beam in order to have access to both sides of the Power Harness.

Outlet Options

Duplex Outlets (15 AMP)

Power Beam duplex outlets (YNRX) are specially sized to work with Power Beam Harnesses & Covers.

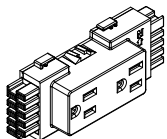
2+2 or 3+3 Circuits Available: A, B, C, X, Y, Z

4-4-2 Circuits available: 1, 2, 3, 4

Outlets for all circuits can be specified with suffix "C" to have a controlled circuit symbol

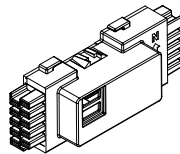
Outlets for Circuits X, Y, Z, 3, 4 can be specified with suffix "O" to have an Orange finish

Outlets for Circuits X, Y, Z can be specified with suffix "T" for Orange Triangle



USB Outlet 21 AMP

USB Outlets Install in a Power Harness in place of a Standard Duplex Outlet and comes with 2 USB outlets.



Outlet Filler

Outlet Fillers are used to Cover the Knockout that does not have a Duplex specified in it for a clean aesthetic.



Jumpers

Jumpers are used to connect one Power Harness to another Power Harness horizontally. They come in sizes ranging from 12" to 147" Lengths. The formula required to calculate Jumper length is dependent on the location of the Harnesses within a Beam and the Beam length.

Important Specification Note:

Due to the limited space below the beam, jumper lengths must be calculated exactly; There is no room to accommodate extra length.

Do not round up jumper lengths "just in case".



Jumper Guideline Legend

A = Beam Width minus 48"

B = 12"

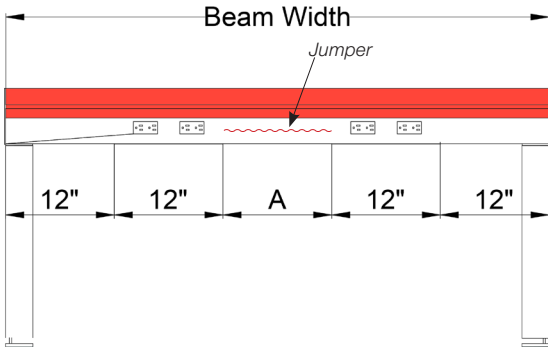
C = Beam width minus 24"

D = Beam width minus 12" divided by 2

E = Beam width minus 22" divided by 2

A. Jumper Required between (2) 12" Harness on a Single Beam

To Calculate this Jumper length take the width of the Beam minus 48". This will give your length of Jumper Required between the (2) 12" Harnesses.



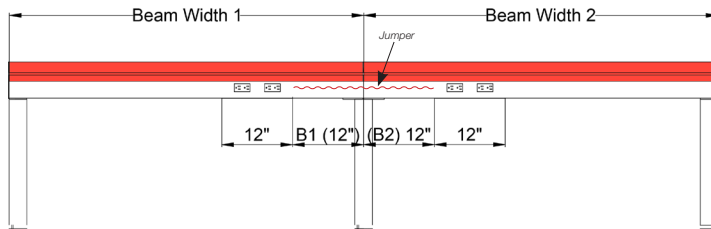
For Example: If the Beam width is 72"W, the Jumper Length for Location "A" Shown on the elevation would be 24"W.

Formula for A				
Beam Width 1	-	48"	=	Jumper Length

Jumper Cheat Sheet	
Beam Width	A. Jumper Length
60"W	12"
66"W	18"
72"W	24"
78"W	30"
84"W	36"
90"W	42"
96"W	48"

B. Jumper Required between (2) Beams with Adjacent (1) Right Position Harness and (1) Left Position Harness

This Jumper length will always be 24" when a Right position Harness (B1) and Left position Harness (B2) are adjacent to each other in an In-Line position, because Left and Right position Harnesses are installed 12" offset from the end of the Beam, no matter the length of the Beam.



Formula for B+B			
B1		B2	
12"	+	12"	= Jumper Length

Jumper Cheat Sheet	
Beam Width	B1+B2 Jumper Length
All Widths	24"

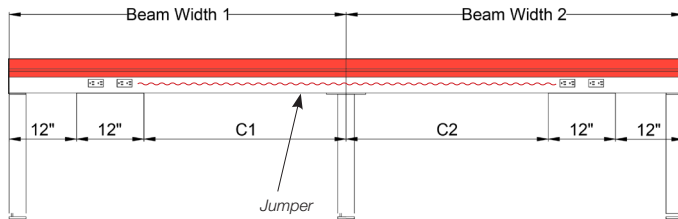
Specification Notes:

- + If jumping through a beam with no power, add that beam length into the equation.
- + Add 3" to your calculated jumper length if you are passing through a post in any direction.
- + No additional length is needed when a jumper routes straight through a Beam Starter or into a perpendicular off-modular beam connected with a Beam starter.

Jumpers, cont.

C. Jumper Required between (2) Beams with (1) Left Position Harness and (1) Right Position Harness

When a Left Position Harness and a Right Position Harness are specified on an In-Line Beam application, take Beam width 1 minus 24" PLUS Beam Width 2 minus 24". This will give your length of Jumper Required between the (2) 12" Harnesses.



Formula for C+C			
C1		C2	
Beam Width 1 minus 24"	+	Beam Width 2 minus 24"	= Jumper Length

For Example: If the Beam Width 1 is 90"W and Beam Width 2 is 78"W, the Jumper Length would be 120"W.

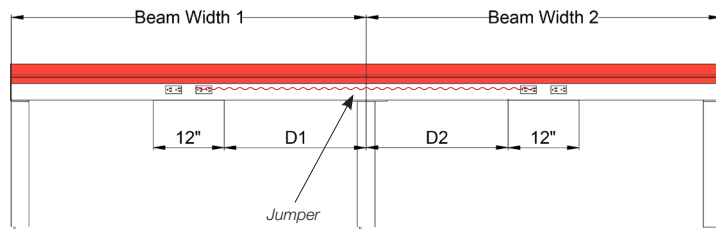
Jumper Cheat Sheet								
		Beam Width 2						
		60"	66"	72"	78"	84"	90"	96"
Beam Width 1	60"	72" Jumper	78" Jumper	84" Jumper	90" Jumper	96" Jumper	102" Jumper	108" Jumper
	66"	78" Jumper	84" Jumper	90" Jumper	96" Jumper	102" Jumper	108" Jumper	114" Jumper
	72"	84" Jumper	90" Jumper	96" Jumper	102" Jumper	108" Jumper	114" Jumper	120" Jumper
	78"	90" Jumper	96" Jumper	102" Jumper	108" Jumper	114" Jumper	120" Jumper	126" Jumper
	84"	96" Jumper	102" Jumper	108" Jumper	114" Jumper	120" Jumper	126" Jumper	132" Jumper
	90"	102" Jumper	108" Jumper	114" Jumper	120" Jumper	126" Jumper	132" Jumper	138" Jumper
	96"	108" Jumper	114" Jumper	120" Jumper	126" Jumper	132" Jumper	138" Jumper	144" Jumper

Specification Notes:

- + If jumping through a beam with no power, add that beam length into the equation.
- + Add 3" to your calculated jumper length if you are passing through a post in any direction.
- + No additional length is needed when a jumper routes straight through a Beam Starter or into a perpendicular off-modular beam connected with a Beam starter.

D. Jumper Required between (2) Beams each with 2 Centered Duplex Locations

When two In-Line Beam are specified with 2 Centered Duplexes you will take Beam Width 1 minus 12" and divide by 2 PLUS Beam Width 2 minus 12" and divided by 2. This will give you the jumper length required for this application.



Formula for D+D			
D1		D2	
Beam Width 1 minus 12", divide by 2	+	Beam Width 2 minus 12", divide by 2	= Jumper Length

For Example: If the Beam Width 1 is 42"W and Beam Width 2 is 54"W, the Jumper Length would be 36"W.

Jumper Cheat Sheet								
		Beam Width 2						
		36"	42"	48"	54"	60"	66"	72"
Beam Width 1	36"	24" Jumper	27" Jumper	30" Jumper	33" Jumper	36" Jumper	39" Jumper	42" Jumper
	42"	27" Jumper	30" Jumper	33" Jumper	36" Jumper	39" Jumper	42" Jumper	45" Jumper
	48"	30" Jumper	33" Jumper	36" Jumper	39" Jumper	42" Jumper	45" Jumper	48" Jumper
	54"	33" Jumper	36" Jumper	39" Jumper	42" Jumper	45" Jumper	48" Jumper	51" Jumper
	60"	36" Jumper	39" Jumper	42" Jumper	45" Jumper	48" Jumper	51" Jumper	54" Jumper
	66"	39" Jumper	42" Jumper	45" Jumper	48" Jumper	51" Jumper	54" Jumper	57" Jumper
	72"	42" Jumper	45" Jumper	48" Jumper	51" Jumper	54" Jumper	57" Jumper	60" Jumper
	78"	45" Jumper	48" Jumper	51" Jumper	54" Jumper	57" Jumper	60" Jumper	63" Jumper

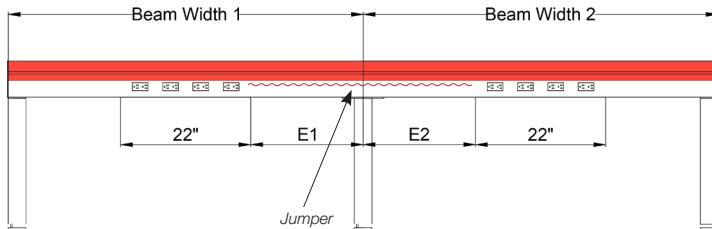
Specification Notes:

- + If jumping through a beam with no power, add that beam length into the equation.
- + Add 3" to your calculated jumper length if you are passing through a post in any direction.
- + No additional length is needed when a jumper routes straight through a Beam Starter or into a perpendicular off-modular beam connected with a Beam starter.

Jumpers, cont.

E. Jumper Required between (2) Beams with (4) Centered Duplexes on each Beam side

When two In-Line Beam are specified with 4 Centered Duplex locations you will take Beam Width 1 minus 22" and divide by 2 PLUS Beam Width 2 minus 22" and divided by 2. This will give you the jumper length required for this application.



Formula E+E			
E1		E2	
Beam Width 1 minus 22", divide by 2	+	Beam Width 2 minus 22", divide by 2	= Jumper Length

For Example: If the Beam Width 1 is 66"W and Beam Width 2 is 66"W, the Jumper Length would be 44"W.

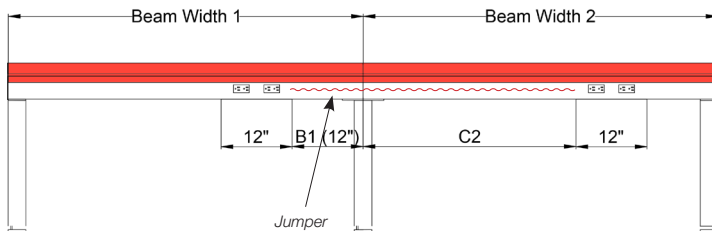
Jumper Cheat Sheet							
		Beam Width 2					
		48"	54"	60"	66"	72"	78"
Beam Width 1	48"	26" Jumper	29" Jumper	32" Jumper	35" Jumper	38" Jumper	41" Jumper
	54"	29" Jumper	32" Jumper	35" Jumper	38" Jumper	41" Jumper	44" Jumper
	60"	32" Jumper	35" Jumper	38" Jumper	41" Jumper	44" Jumper	47" Jumper
	66"	35" Jumper	38" Jumper	41" Jumper	44" Jumper	47" Jumper	50" Jumper
	72"	38" Jumper	41" Jumper	44" Jumper	47" Jumper	50" Jumper	53" Jumper
	78"	41" Jumper	44" Jumper	47" Jumper	50" Jumper	53" Jumper	56" Jumper

Specification Notes:

- + If jumping through a beam with no power, add that beam length into the equation.
- + Add 3" to your calculated jumper length if you are passing through a post in any direction.
- + No additional length is needed when a jumper routes straight through a Beam Starter or into a perpendicular off-modular beam connected with a Beam starter.

B. & C. Jumper Required between (2) Beams with Right or Left Duplex Locations

When two In-Line Beam are specified both with 2 Right or Left Duplex locations you will take 12" for Beam Width 1 PLUS Beam Width 2 minus 24". This will give you the jumper length required for this application.



Elevation is shown with Right Duplex Locations.

Formula is the same if both beams have Left Duplex Locations

Formula B+C			
B1		C2	
12"	+	Beam Width 2 minus 24"	= Jumper Length

For Example: If the Beam Width 1 is 90"W and Beam Width 2 is 84"W, the Jumper Length would be 72"W.

jumper Cheat Sheet								
		Beam Width 2						
		60"	66"	72"	78"	84"	90"	96"
Beam Width 1	60"	48" Jumper	54" Jumper	60" Jumper	66" Jumper	72" Jumper	78" Jumper	84" Jumper
	66"	48" Jumper	54" Jumper	60" Jumper	66" Jumper	72" Jumper	78" Jumper	84" Jumper
	72"	48" Jumper	54" Jumper	60" Jumper	66" Jumper	72" Jumper	78" Jumper	84" Jumper
	78"	48" Jumper	54" Jumper	60" Jumper	66" Jumper	72" Jumper	78" Jumper	84" Jumper
	84"	48" Jumper	54" Jumper	60" Jumper	66" Jumper	72" Jumper	78" Jumper	84" Jumper
	90"	48" Jumper	54" Jumper	60" Jumper	66" Jumper	72" Jumper	78" Jumper	84" Jumper
	96"	48" Jumper	54" Jumper	60" Jumper	66" Jumper	72" Jumper	78" Jumper	84" Jumper

Specification Notes:

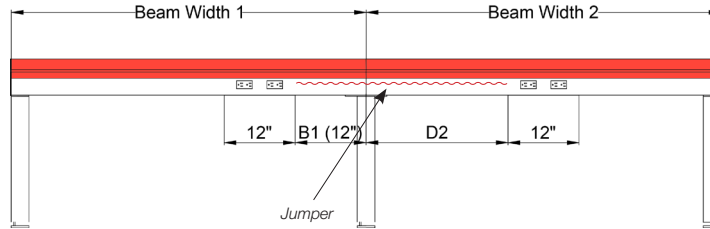
- + If jumping through a beam with no power, add that beam length into the equation.
- + Add 3" to your calculated jumper length if you are passing through a post in any direction.
- + No additional length is needed when a jumper routes straight through a Beam Starter or into a perpendicular off-modular beam connected with a Beam starter.

Jumpers, cont.

B. & D. Jumper Required between (1) Beam with (2) Right or Left Duplexes and (1) Beam with (2) Centered Duplexes

When one Beam with 2 Right or Left Duplexes is positioned next to another Beam with 2 Centered Duplexes, you will take 12" PLUS Beam Width 2 minus 12", divided by 2. This will give you the jumper length required for this application.

Elevation shows Beam Width 1 with Right Duplex Locations. Formula is the same if Beam Width 1 has Left Duplex Locations and Beam Width 2 is on the Opposite Side.



Formula B+D				
B1		D2		Jumper Length
12"	+	Beam Width 2 minus 12", divide by 2	=	

For Example: If the Beam Width 1 is 60"W and Beam Width 2 is 36"W, the Jumper Length would be 24"W.

Jumper Cheat Sheet									
		Beam Width 2							
		36"	42"	48"	54"	60"	66"	72"	78"
Beam Width 1	60"	24" Jumper	27" Jumper	30" Jumper	33" Jumper	36" Jumper	39" Jumper	42" Jumper	45" Jumper
	66"	24" Jumper	27" Jumper	30" Jumper	33" Jumper	36" Jumper	39" Jumper	42" Jumper	45" Jumper
	72"	24" Jumper	27" Jumper	30" Jumper	33" Jumper	36" Jumper	39" Jumper	42" Jumper	45" Jumper
	78"	24" Jumper	27" Jumper	30" Jumper	33" Jumper	36" Jumper	39" Jumper	42" Jumper	45" Jumper
	84"	24" Jumper	27" Jumper	30" Jumper	33" Jumper	36" Jumper	39" Jumper	42" Jumper	45" Jumper
	90"	24" Jumper	27" Jumper	30" Jumper	33" Jumper	36" Jumper	39" Jumper	42" Jumper	45" Jumper
	96"	24" Jumper	27" Jumper	30" Jumper	33" Jumper	36" Jumper	39" Jumper	42" Jumper	45" Jumper

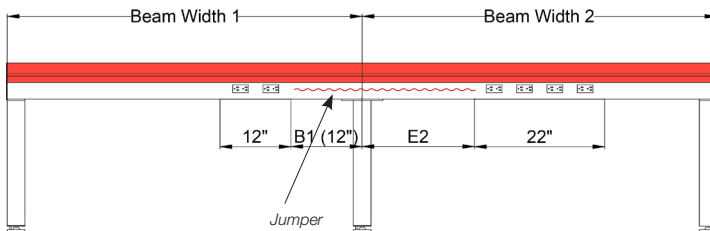
Specification Notes:

- + If jumping through a beam with no power, add that beam length into the equation.
- + Add 3" to your calculated jumper length if you are passing through a post in any direction.
- + No additional length is needed when a jumper routes straight through a Beam Starter or into a perpendicular off-modular beam connected with a Beam starter.

B. & E. Jumper Required between (1) Beam with (2) Right or Left Duplexes and (1) Beam with (4) Centered Duplexes

When one Beam with 2 Right or Left Duplexes is positioned next to another Beam with 4 Centered Duplexes, you will take 12" PLUS Beam Width 2 minus 22", divided by 2. This will give you the jumper length required for this application.

Elevation is shows Beam Width 1 with Right Duplex Locations. Formula is the same if Beam Width 1 has Left Duplex Locations and Beam Width 2 is on the Opposite Side.



Formula B+E				
B1		E2		Jumper Length
12"	+	Beam Width 2 minus 22", divide by 2	=	

For Example: If the Beam Width 1 is 96"W and Beam Width 2 is 72"W, the Jumper Length would be 37"W.

Jumper Cheat Sheet							
		Beam Width 2					
		48"	54"	60"	66"	72"	78"
Beam Width 1	60"	25" Jumper	28" Jumper	31" Jumper	34" Jumper	37" Jumper	40" Jumper
	66"	25" Jumper	28" Jumper	31" Jumper	34" Jumper	37" Jumper	40" Jumper
	72"	25" Jumper	28" Jumper	31" Jumper	34" Jumper	37" Jumper	40" Jumper
	78"	25" Jumper	28" Jumper	31" Jumper	34" Jumper	37" Jumper	40" Jumper
	84"	25" Jumper	28" Jumper	31" Jumper	34" Jumper	37" Jumper	40" Jumper
	90"	25" Jumper	28" Jumper	31" Jumper	34" Jumper	37" Jumper	40" Jumper
	96"	25" Jumper	28" Jumper	31" Jumper	34" Jumper	37" Jumper	40" Jumper

Specification Notes:

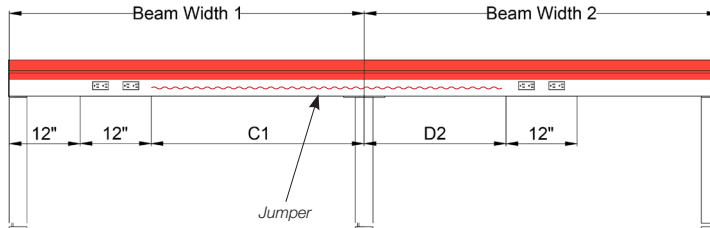
- + If jumping through a beam with no power, add that beam length into the equation.
- + Add 3" to your calculated jumper length if you are passing through a post in any direction.
- + No additional length is needed when a jumper routes straight through a Beam Starter or into a perpendicular off-modular beam connected with a Beam starter.

Jumpers, cont.

C. & D. Jumper Required between (1) Beam with (2) Left or Right Duplexes and (1) Beam with (2) Centered Duplexes

When one Beam with 2 Left or Right Duplexes is positioned next to another Beam with 2 Centered Duplexes, you will take Beam Width 1 minus 24" PLUS Beam Width 2 minus 12", divided by 2. This will give you the jumper length required for this application.

Elevation is shows Beam Width 1 with Left Duplex Locations. Formula is the same if Beam Width 1 has Right Duplex Locations and Beam Width 2 is on the Opposite Side.



Formula C+D				
C1		D2		Jumper Length
Beam Width 1 minus 24"	+	Beam Width 2 minus 12", divide by 2	=	Jumper Length

For Example: If the Beam Width 1 is 96"W and Beam Width 2 is 78"W, the Jumper Length would be 105"W.

Jumper Cheat Sheet									
		Beam Width 2							
		36"	42"	48"	54"	60"	66"	72"	78"
Beam Width 1	60"	48" Jumper	51" Jumper	54" Jumper	57" Jumper	60" Jumper	63" Jumper	66" Jumper	69" Jumper
	66"	54" Jumper	57" Jumper	60" Jumper	63" Jumper	66" Jumper	69" Jumper	72" Jumper	75" Jumper
	72"	60" Jumper	63" Jumper	66" Jumper	69" Jumper	72" Jumper	75" Jumper	78" Jumper	81" Jumper
	78"	66" Jumper	69" Jumper	72" Jumper	75" Jumper	78" Jumper	81" Jumper	84" Jumper	87" Jumper
	84"	72" Jumper	75" Jumper	78" Jumper	81" Jumper	84" Jumper	87" Jumper	90" Jumper	93" Jumper
	90"	78" Jumper	81" Jumper	84" Jumper	87" Jumper	90" Jumper	93" Jumper	96" Jumper	99" Jumper
	96"	84" Jumper	87" Jumper	90" Jumper	93" Jumper	96" Jumper	99" Jumper	102" Jumper	105" Jumper

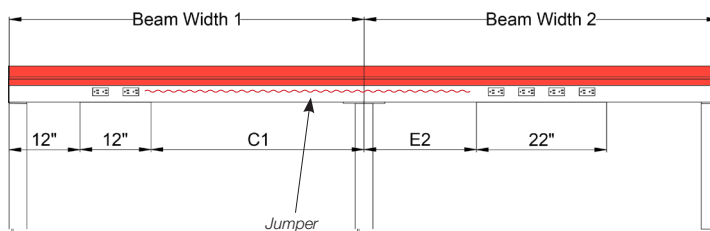
Specification Notes:

- + If jumping through a beam with no power, add that beam length into the equation.
- + Add 3" to your calculated jumper length if you are passing through a post in any direction.
- + No additional length is needed when a jumper routes straight through a Beam Starter or into a perpendicular off-modular beam connected with a Beam starter.

C. & E. Jumper Required between (1) Beam with (2) Right or Left Duplexes and (1) Beam with (4) Centered Duplexes

When one Beam with 2 Right or Left Duplexes is positioned next to another Beam with 4 Centered Duplexes, you will take Beam Width 1 minus 24" PLUS Beam Width 2 minus 22", divided by 2. This will give you the jumper length required for this application.

Elevation is shows Beam Width 1 with Left Duplex Locations. Formula is the same if Beam Width 1 has Right Duplex Locations and Beam Width 2 is on the Opposite Side.



Formula C+E				
C1		E2		Jumper Length
Beam Width 1 minus 24"	+	Beam Width 2 minus 22", divide by 2	=	Jumper Length

For Example: If the Beam Width 1 is 84"W and Beam Width 2 is 66"W, the Jumper Length would be 82"W.

Jumper Cheat Sheet							
		Beam Width 2					
		48"	54"	60"	66"	72"	78"
Beam Width 1	60"	49" Jumper	52" Jumper	55" Jumper	58" Jumper	61" Jumper	64" Jumper
	66"	55" Jumper	58" Jumper	61" Jumper	64" Jumper	67" Jumper	70" Jumper
	72"	61" Jumper	64" Jumper	67" Jumper	70" Jumper	73" Jumper	76" Jumper
	78"	67" Jumper	70" Jumper	73" Jumper	76" Jumper	79" Jumper	82" Jumper
	84"	73" Jumper	76" Jumper	79" Jumper	82" Jumper	85" Jumper	88" Jumper
	90"	79" Jumper	82" Jumper	85" Jumper	88" Jumper	91" Jumper	94" Jumper
	96"	85" Jumper	88" Jumper	91" Jumper	94" Jumper	97" Jumper	100" Jumper

Specification Notes:

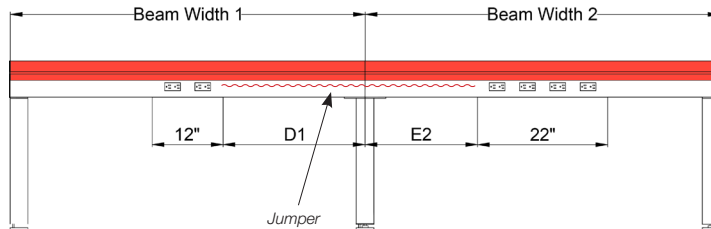
- + If jumping through a beam with no power, add that beam length into the equation.
- + Add 3" to your calculated jumper length if you are passing through a post in any direction.
- + No additional length is needed when a jumper routes straight through a Beam Starter or into a perpendicular off-modular beam connected with a Beam starter.

Jumpers, cont.

D. & E. Jumper Required between (1) Beam with (2) Centered Duplexes and (1) Beam with (4) Centered Duplexes

When one Beam with 2 Centered Duplexes is positioned next to another Beam with 4 Centered Duplexes, you will take Beam Width 1 minus 12", divide by 2 PLUS Beam Width Width 2 minus 22", divided by 2. This will give you the jumper length required for this application.

Elevation is shows Beam Width 1 with Left Duplex Locations. Formula is the same if Beam Width 1 has Right Duplex Locations and Beam Width 2 is on the Opposite Side.



Formula D+E			
D1		E2	
Beam Width 1 minus 12", divide by 2	+	Beam Width 2 minus 22", divide by 2	= Jumper Length

For Example: If the Beam Width 1 is 36"W and Beam Width 2 is 60"W, the Jumper Length would be 31"W.

Jumper Cheat Sheet						
		Beam Width 2				
		48"	54"	60"	66"	72"
Beam Width 1	36"	25" Jumper	28" Jumper	31" Jumper	34" Jumper	37" Jumper
	42"	28" Jumper	31" Jumper	34" Jumper	37" Jumper	40" Jumper
	48"	31" Jumper	34" Jumper	37" Jumper	40" Jumper	43" Jumper
	54"	34" Jumper	37" Jumper	40" Jumper	43" Jumper	46" Jumper
	60"	37" Jumper	40" Jumper	43" Jumper	46" Jumper	49" Jumper
	66"	40" Jumper	43" Jumper	46" Jumper	49" Jumper	52" Jumper
	72"	43" Jumper	46" Jumper	49" Jumper	52" Jumper	55" Jumper
		78"	46" Jumper	49" Jumper	52" Jumper	55" Jumper

Specification Notes:

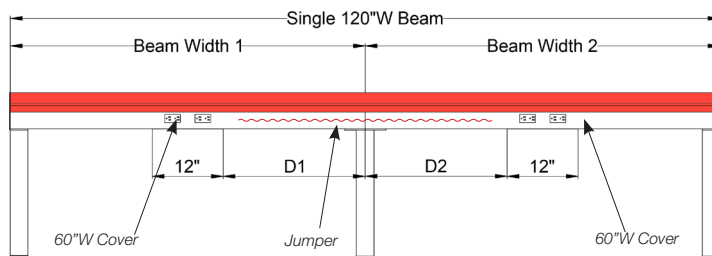
- + If jumping through a beam with no power, add that beam length into the equation.
- + Add 3" to your calculated jumper length if you are passing through a post in any direction.
- + No additional length is needed when a jumper routes straight through a Beam Starter or into a perpendicular off-modular beam connected with a Beam starter.

Additional Jumper Guidelines:

Some Longer Beams may not be listed on the Cheat Sheet Tables on the previous Jumper pages. This is because either that length of Beam with Cover is not available with that particular duplex cutout configuration or that the single Beam length requires 2 Beam Covers to span the width of the single Beam.

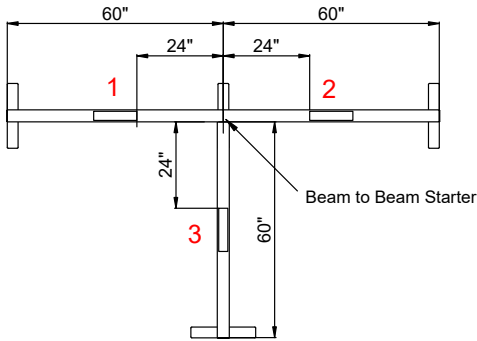
For Example:

The 120"W Beam requires (2) 60W Beam Covers to span 1 side of the Beam. In this case, you would calculate jumper length using the (2) 60W Beam Cover Lengths as your "Beam Width" in the Formula's above. In the application below, the Beams are specified with (2) 60"W 2-Duplexes Centered Covers and therefore would require 48"W Jumper.



Example Formula D+D			
D1		D2	
Beam Width 1 minus 12", divide by 2	+	Beam Width 2 minus 12", divide by 2	= Jumper Length
24"	+	24"	= 48"

Calculating Jumpers with Junctions



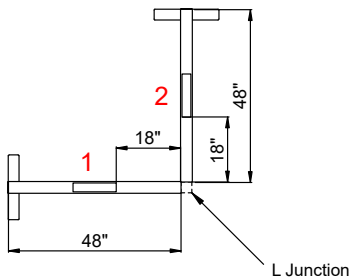
Example 1: Beam to Beam Starter

Jumper between Harness 1 & 2: $24'' + 24'' = 48''$

Jumper between Harness 1 & 3: $24'' + 24'' = 48''$

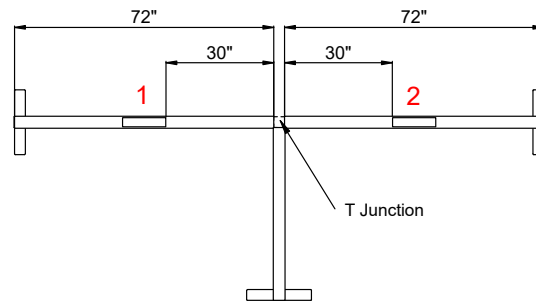
Specification Notes:

- + No additional length is needed when a jumper routes straight through a Beam Starter or into a perpendicular off-modular beam connected with a Beam starter.
- + Add 3" when passing through a junction (post).
- + All examples assume (2) centered Duplex locations.



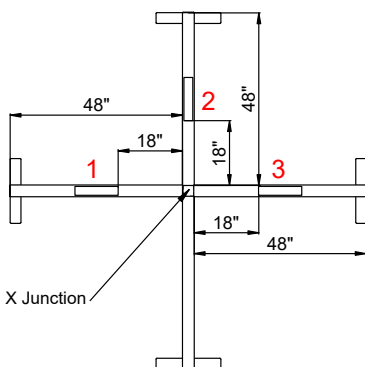
Example 2: L Junction

Jumper between Harness 1 & 2: $18'' + 3'' + 18'' = 39''$



Example 3: T Junction

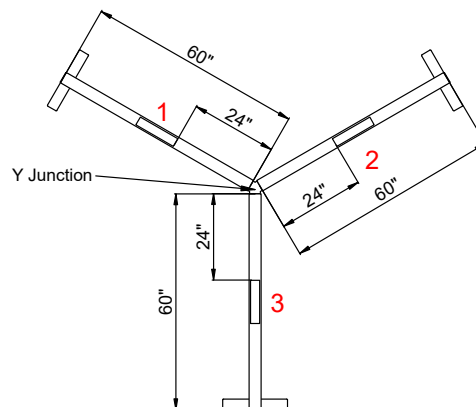
Jumper between Harness 1 & 2: $30'' + 3'' + 30'' = 63''$



Example 4: X Junction

Jumper between Harness 1 & 2: $18'' + 3'' + 18'' = 39''$

Jumper between Harness 1 & 3: $18'' + 3'' + 18'' = 39''$



Example 5: Y Junction

Jumper between Harness 1 & 2: $24'' + 3'' + 24'' = 51''$

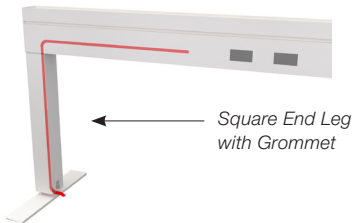
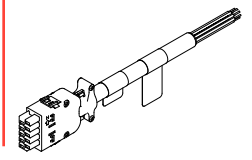
Jumper between Harness 1 & 3: $24'' + 3'' + 24'' = 51''$

Base Infeeds, Ceiling Infeeds

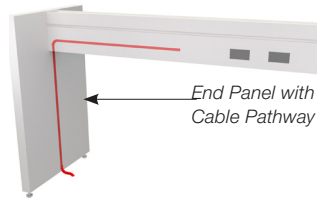
Base Infeeds

The Base Infeed for Power Beam can be specified for all 3 power systems (2+2, 3+3, 4-4-2). The infeed whip is 85" Long and connects building power to a Power Beam power harness. Infeed connects at the end of the harness and does not occupy a receptacle opening.

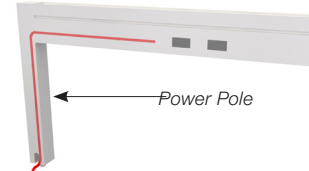
The Base Infeed can be routed through a variety of legs, power poles and vertical wire management options to provide a clean aesthetic.



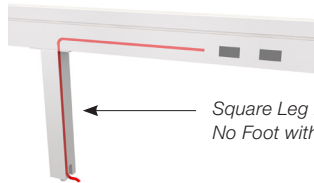
(1) 12"W Harness
D2C Cover (2 Centered Cutouts)



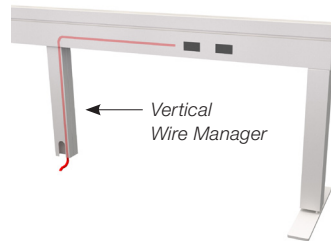
Base Infeed being routed up through an End Panel
with Cable Pathway



Base Infeed being routed up through a 28H Power
Pole. Base Infeed can be routed through 28H and
34H Power



Base Infeed being routed up through a Square End in
Mid Position with Grommet



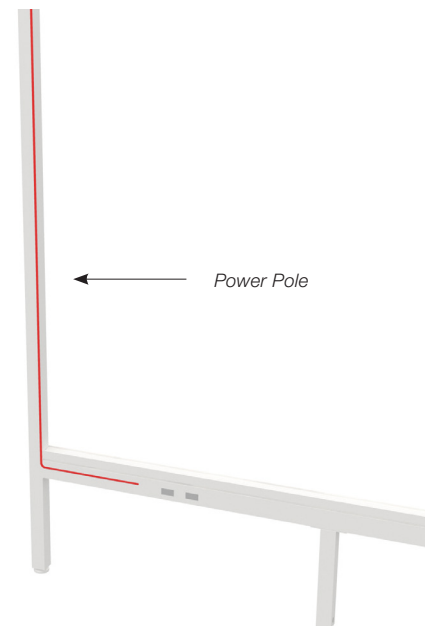
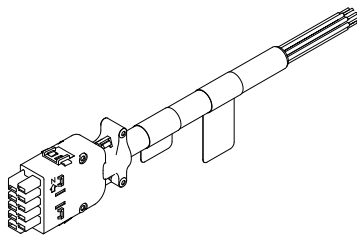
Base Infeed being routed up through a Vertical Wire
Manager

Ceiling Infeed

The Ceiling Infeed can be specified for all three Power Beam power systems (2+2, 3+3, 4-4-2). The Infeed will feed through the ceiling, route down a Power pole into the Power Beam and connect into the end of a Power Harness located along the Power Beam.

Ceiling Infeeds are available in two lengths to accommodate various ceiling heights: 144" and 240"

Specify a Power Pole in place of a junction or end support leg to house the Ceiling Infeed. Only 120" and 144" Power Poles should be specified for Ceiling Infeed application.



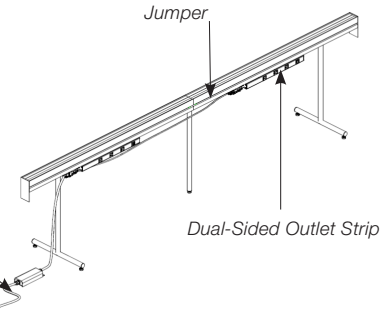
Cordset Power

Antenna Power Beam Cordset Power offers users the flexibility of power virtually anywhere within a space. Cordset power is ideal for applications where power

is a temporary need and where minimal amperage is required. Cordset is also ideal when floor or ceiling power is not available.

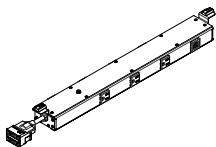


Cordset Power Starter
(Shown here as Floor Mounted)



What you Need:

Dual-Sided Outlet Strip



Dual-Sided Outlet Strip
YNRLCDOS

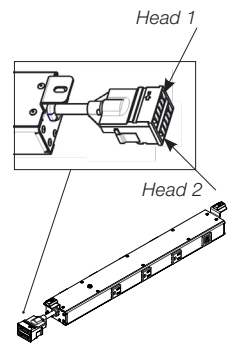
Each dual-sided outlet strip has 3 square simplex outlets and 1 dual-USB outlet per side. Outlet strips will always be installed centered on the beam and should be specified with Cordset Covers to accommodate the unique configuration of the power strip.

A maximum of (4) outlet strips can be linked together on a single starter.

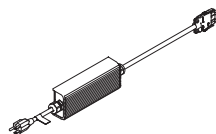
Smart Sensor Circuitry Technology prevents linking too many cordset power systems together and prevents dual power, as indicated with a "RED" light. "GREEN" on the display indicates when it's ready-to-use.

The Dual Outlet Strip is a single circuit system, rated at 12 Amps.

Each module has a jumper head on (1) end. This head accepts two jumpers or one starter and a jumper.



+



Cordset Power Starter
#YNRLCF/S

Cordset Power Starter

Power Starter should be specified with the Dual-Sided Outlet Strip. Power Starter comes standard with a 3-Prong plug, available in 60" or 120" lengths and as Beam Mounted or Floor Mounted. Cord length is measured between the transformer and the plug head.

One starter is required for every connected run of outlet strips. A maximum of (4) outlet strips can be linked together on a single starter.

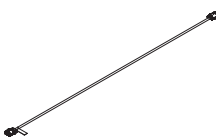
Cordset Power Starter (Beam Mounted) #YNRLCS_ _

Beam Mounted Version can only be used with Beams 72" or Wider. The Transformer is mounted to the beam, behind the covers.

Cordset Power Starter (Floor Mounted) #YNRLCF_ _

Floor Mounted version is for beams 42"-66" long. It has a longer cord between the transformer and the jumper head so that the transformer can sit on the floor.

+



Jumper
(Only required when
more than 1 Outlet Strip
is specified)

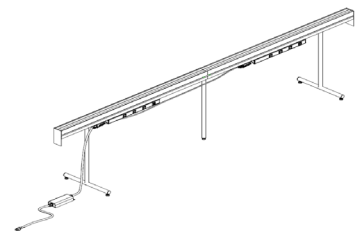
Cordset Jumper

A Cordset jumper is used to connect two outlet strips together.

They are available in lengths of 36" to 102" in 6" increments. Dimensions of jumpers are nominal and are not the actual length of jumper. The Dual-sided outlet Strip has Jumper heads on one end only, therefore jumpers are longer than the noted nominal length to account for additional length needed to route to end of jumper.

Unlike hardwired modules, these jumpers are designed to have a loose fit and some slack can be accommodated.

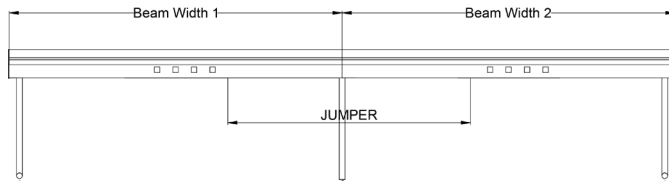
Cordset jumpers are designed to be planned in a straight line, and will not work with perpendicular beams. See following page for directions on how to calculate jumper length.



Cordset Power, continued

How to Calculate Jumper Length for Cordset Power

To determine the length of the jumper required, add the two beam lengths together, divide in half, then round up to the next jumper size if needed.



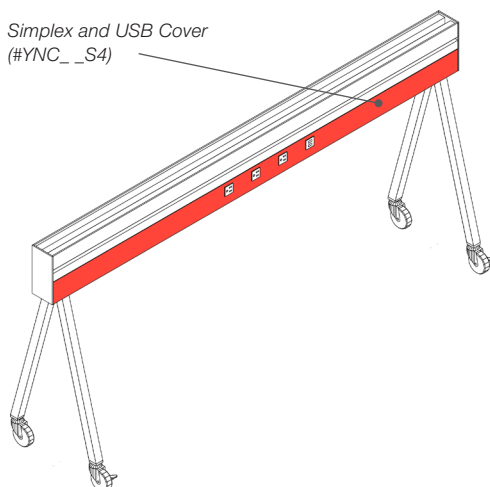
Formula for Plug-In Jumper						
Beam Width 1	+	Beam Width 2	=	Total Beam Width	÷	2 = Jumper Length (round up if needed)

For Example: If Beam Width 1 is 72" and Beam Width 2 is 60"
Jumper Length should be specified as 66"W

Jumper Cheat Sheet											
	Beam Width 2										
	36"	42"	48"	54"	60"	66"	72"	78"	84"	90"	96"
36"	36" Jumper	42" Jumper	42" Jumper	48" Jumper	48" Jumper	54" Jumper	54" Jumper	60" Jumper	60" Jumper	66" Jumper	66" Jumper
42"	42" Jumper	42" Jumper	48" Jumper	48" Jumper	54" Jumper	54" Jumper	60" Jumper	60" Jumper	66" Jumper	66" Jumper	72" Jumper
48"	42" Jumper	48" Jumper	48" Jumper	54" Jumper	54" Jumper	60" Jumper	60" Jumper	66" Jumper	66" Jumper	72" Jumper	72" Jumper
54"	48" Jumper	48" Jumper	54" Jumper	54" Jumper	60" Jumper	60" Jumper	66" Jumper	66" Jumper	72" Jumper	72" Jumper	78" Jumper
60"	48" Jumper	54" Jumper	54" Jumper	60" Jumper	60" Jumper	66" Jumper	66" Jumper	72" Jumper	72" Jumper	78" Jumper	78" Jumper
66"	54" Jumper	54" Jumper	60" Jumper	60" Jumper	66" Jumper	66" Jumper	72" Jumper	72" Jumper	78" Jumper	78" Jumper	84" Jumper
72"	54" Jumper	60" Jumper	60" Jumper	66" Jumper	66" Jumper	72" Jumper	72" Jumper	78" Jumper	78" Jumper	84" Jumper	84" Jumper
78"	60" Jumper	60" Jumper	66" Jumper	66" Jumper	72" Jumper	72" Jumper	78" Jumper	78" Jumper	84" Jumper	84" Jumper	90" Jumper
84"	60" Jumper	66" Jumper	66" Jumper	72" Jumper	72" Jumper	78" Jumper	78" Jumper	84" Jumper	84" Jumper	90" Jumper	90" Jumper
90"	66" Jumper	66" Jumper	72" Jumper	72" Jumper	78" Jumper	78" Jumper	84" Jumper	84" Jumper	90" Jumper	90" Jumper	96" Jumper
96"	66" Jumper	72" Jumper	72" Jumper	78" Jumper	78" Jumper	84" Jumper	84" Jumper	90" Jumper	90" Jumper	96" Jumper	96" Jumper

Beam Cover Reminder:

You must specify the Outlet Strip Beam cover when specifying Cordset power.



Note: jumpers are longer than the noted nominal length to account for additional length needed to route to end of jumper.

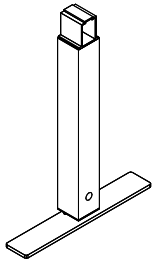
NYC Code Requirements

There are two ways to specify Power Beam to meet NYC electrical code requirements with the Base Infeed.

Option 1:

Specify a Square Leg for NYC along with a standard Power Beam Infeed (not NYC Hardwired Base Infeed).

The Square Leg for NYC is designed to house the electrical Base infeed to meet NYC codes. Building power supply enters at the base of the leg on the removable cover side. The hardwired connection from building power to the infeed is made inside the leg by a licensed electrician.

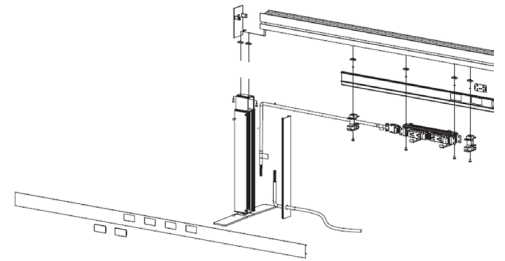


YNSSELF_ _NYN [Square End Leg with Foot, for NYC]

#YNSCILF_ _NYN [Square Mid Leg with Foot, NYC]

YNSCILN_ _NYN [Square Mid Leg without Foot, NYC]

YNRPI_ [Standard Power Beam Infeed]



Square Leg for NYC is available in the following configurations:

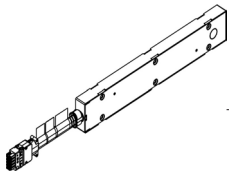
- + End and Mid Legs
- + 22", 28" and 34"
- + With and Without Foot

Option 2:

Specify a Vertical Infeed for NYC and a Vertical Wire Manager.

The vertical infeed for NYC provides a code compliant box that mounts inside a vertical wire manager. The hardwired connection from building power to the infeed is made inside the box by a licensed electrician.

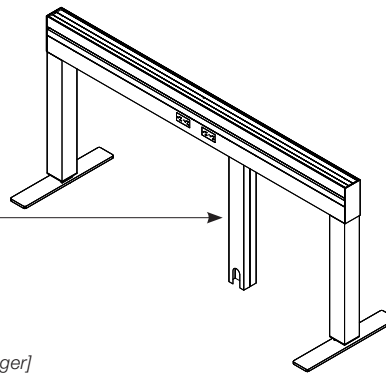
Power can travel in only one direction from this box. Vertical Wire Manager (#YNRVWM3) can be located anywhere along the beam where there is not a power harness installed. This provides additional flexibility in locating the infeed.



YNRP_VWMNY
[Vertical infeed for NYC]

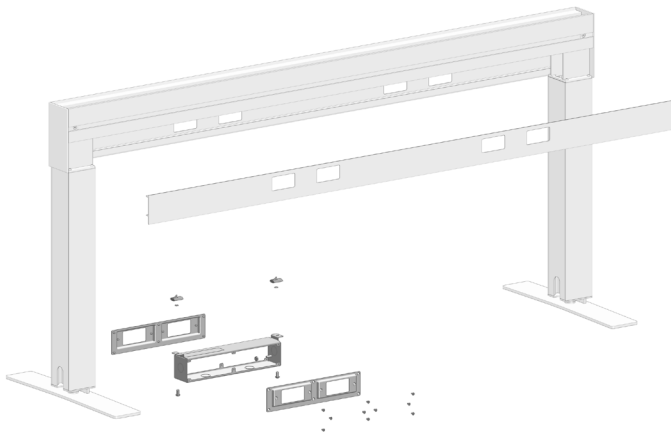


YNRVWM3
[Vertical Wire Manager]



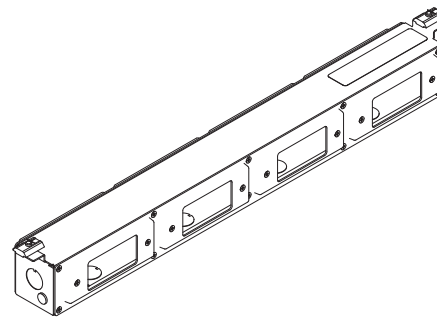
Chicago Power

Power Beam can be powered with Chicago compliant Hardwired outlet Boxes. Boxes are available in 12" and 24" widths. The 12" W box includes 2 duplex locations on one or both sides. The 24" W box includes 4 duplex locations on one or both sides. A licensed electrician must provide all electrical wiring, receptacles, and connections. No Power Beam electrical harnesses, jumpers, or duplexes are needed.

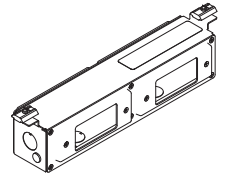


Specify Chicago Outlet Boxes and standard beam side covers with knockouts corresponding to the hardwire box locations.

No outlet fillers may be used when planning with Chicago Outlet Boxes.



24" w Hardwired
Chicago Power Outlet Box



12" w Hardwired
Chicago Power Outlet Box

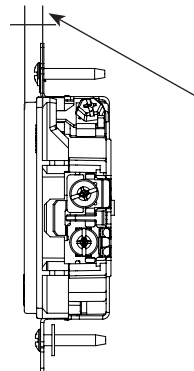
Receptacle Note:

Please note the following:

- + The relationship between the hardwired outlet box and the Power Beam side cover is such that an extended depth receptacle is required to clear the cover.
- + Knoll recommends using Leviton receptacles, with a minimum depth from mounting screw to face of outlet of 0.21". Final selection, specification, and procurement of these receptacles is solely the responsibility of the electrician.
- + All screws used in the installation of the electrical on Power Beam should be countersunk to prevent interference with the cover plate.
- + All anchor brackets provided with the beam should be used to properly secure the cover.



Do not use receptacles that have a flange around the exterior, as this will interfere with proper mounting.

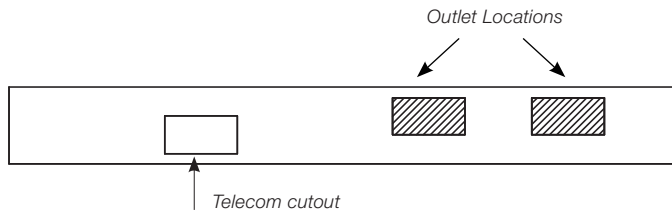


Note:
For receptacles, the critical dimension indicated must be 0.21" or greater (faceplate depth).

Data & Cable Management

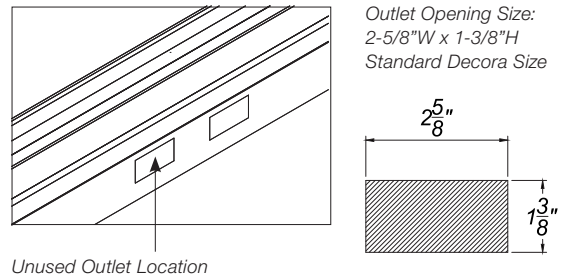
Telecom Cutouts

Beam covers with Telecom Cutouts in predetermined locations offer industry standard Decora size openings. Data Faceplate should be specified by end user. Openings are slightly offset from power locations to provide better access for wiring terminations.



Outlet Opening

Utilize an unused outlet/duplex opening in the cover for a data faceplate. Data Faceplate should be specified by end user. In order to install a data box in an unused electrical knockout, there cannot be a power harness installed in this location.



NOTE:

When locating a data port in the Power Beam cover, an extended depth faceplate is recommended to allow additional space for cable routing behind the cover, especially when power is routed along the same beam.

Communications Plate (#YR1CMP)

The suspended communications plate is mounted to the underside of the Beam. It is double sided, which provides data access on both side of the beam.

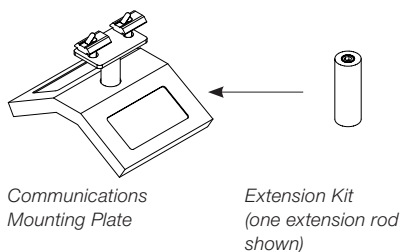
Extensions kits (#YR1CBX2) must be specified and used with the communications plate so that the communications plate will sit clear of the Power Beam Cover. A single extension rod is needed in most situations where standard depth faceplates are used by the data wiring vendor. If an 'Extended Depth' data faceplate will be used, additional extension rods will be needed to allow the data faceplate to clear the cover.



Example of Standard Depth Faceplate



Example of Extended Depth Faceplate

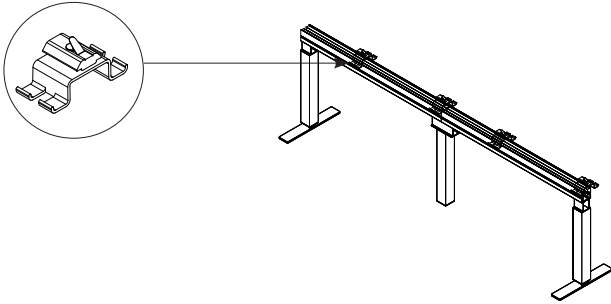


Field Application

Data & Cable Management

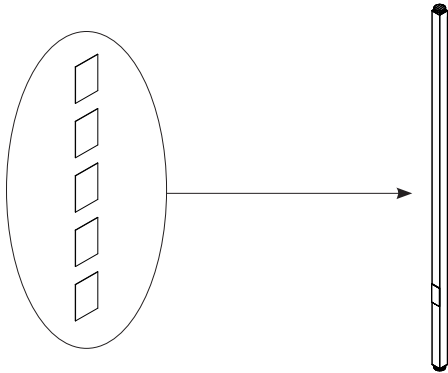
Beam Cable Clips (#YNRBCC)

Cable Clip bracket attaches to the underside of a beam and provides wire managing clips for each side of the Beam. Clips hold a single data wire on each side. Clips are recommended for use in touch down or casual use settings where having data plates & patch cables may not be desired. These clips are sold in packages of 10.



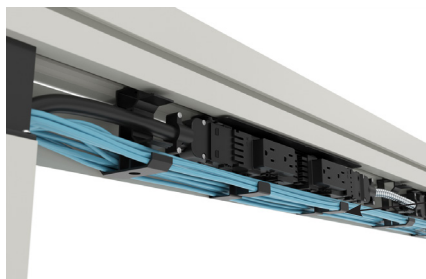
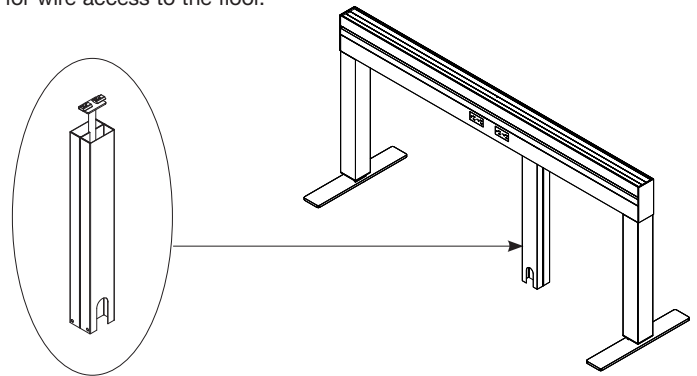
Power Pole Cable Divider (#YNRCDS)

ABS plastic cable dividers snap into the interior features of the power pole and are used to organize cables inside of the pole. They are ordered as a kit of 5 dividers

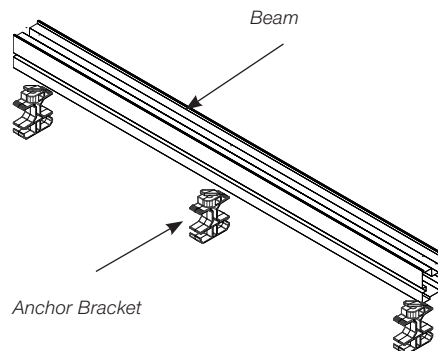


Vertical Wire Manager (#YNRVWM3_ _)

A Vertical Wire Manager can be specified as an option to route Base Infeeds or data cabling in off-modular position. It can be installed anywhere under the beam as long as it doesn't interfere with a support or a power harness. Vertical Wire Managers are available in 3 heights: 22", 28" and 34". A grommet is located at the bottom of the manager for wire access to the floor.



Anchor Bracket
Cable Capacity of
Beam: 12 cat-6 cables



Reminder:

Antenna Power Beams include Anchor Brackets which are used to manage wires horizontally underneath the beam

Up-Mounted & Side-Mounted Components

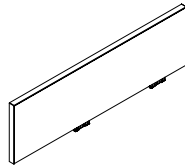
Category Overview and Features

Up- and side-mounted components for Antenna Power Beam help create productive, space-efficient workspaces by engaging directly with the beam's integral channels. Up-mounted Antenna screens, ladders, planters, and counters engage the beam's top channel and help delineate space. Side-mounted components engage the beam's continuous side

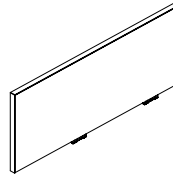
channel, allowing for off-modular planning anywhere along the beam. Desk and Simple Table supports take the place of two worksurface supports. Intermediate gallery panels provide further opportunity for space delineation and privacy. Accessories engage the beam side channel and ladders, allowing users to organize and personalize their space.



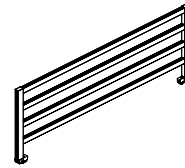
Statement of Line Up Mounted Components



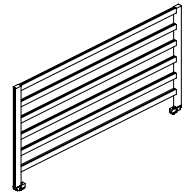
42"H Horizon Screen



49"H Horizon Screen

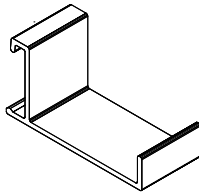


42"H Horizon Ladder Screen

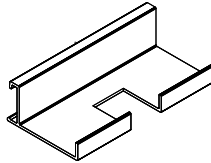


49"H Horizon Ladder Screen

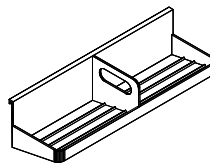
Screens and Ladders



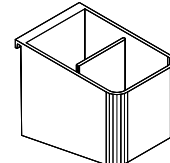
Headset Hook



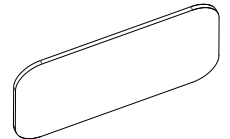
Phone Rest



Tray

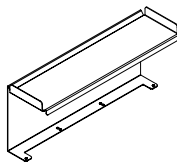


Cup

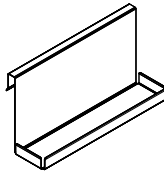


Moveable Screen

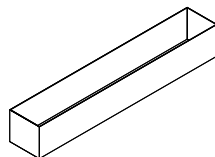
Organizational Tools



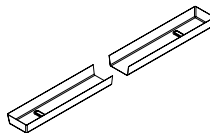
Desk Mounted Tray



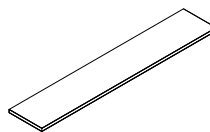
Screen Tray



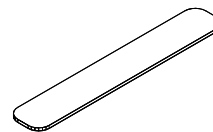
Planter



Planter Liner



Counter, Square Corner



Counter, Rounded Corner

Planter and Counter

Antenna Center Screens Up Mounted Components

Antenna Power Beam utilizes Antenna Big Table Screens that mount on the center channel of the beam. Power Beam supports 14"H and 21"H upmounted screens in a variety of material options. Screens can be mounted to Power Beam supported by Legs 22"H, 28"H and 34"H.

Planning Guideline:

- + Can not be installed on 9"H Low Foot assemblies
- + Can span over multiple Power Beams
- + Screen can be freely placed along the top channel of the beam and does not need to be the same width as the Power Beam

Screen Heights:

14"H (noted as 42"H Horizon in price book)*

21"H (noted as 49"H Horizon in price book)*

Screen Widths:

24", 30", 36", 42", 48", 54", 60", 66", 72"

Screen Materials:

Fabric, Laminate, Markerboard, Veneer, Glass

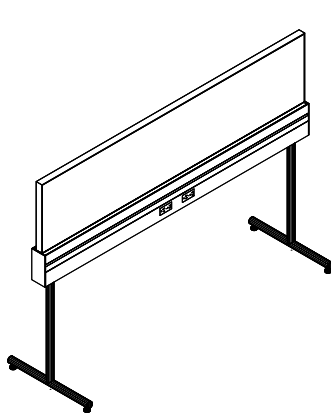
*42"H and 49"H Horizons will only be achieved when screens are installed on Beam supported by Legs for 28H application

Specifying Screens:

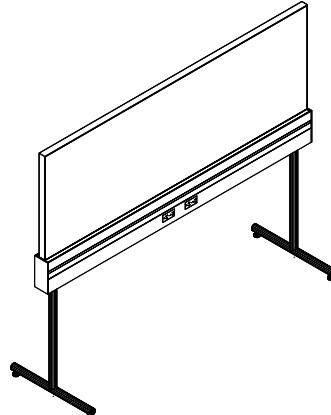
Power Beam utilizes the same screens as Antenna Big Table.

All of the available Big Table Screen finish options can be used with Power Beam.

Screens are located in the Big Table Screen section of the Antenna Pricebook.



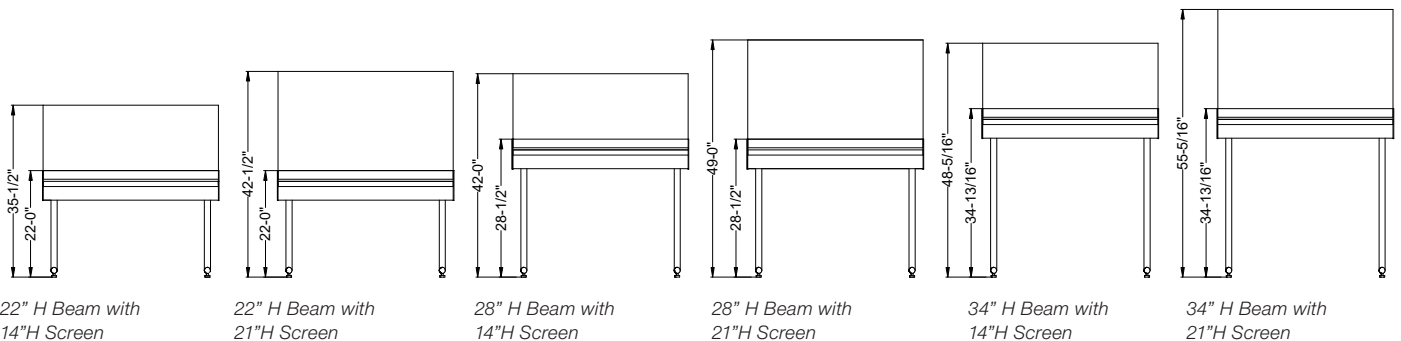
14"H Center Screen



21"H Center Screen



Total Horizon Heights with Screens:



Note: Power Beam does NOT support upmounted cabinets.

Power Beam Ladder Screen Up Mounted Components

Antenna Ladder Screens feature a series of horizontal rungs that allows various accessories to mount independently on either side. They mount on the center channel of the beam and can be specified with Power Beam, Big Table and Horsepower. Available in two horizons (14"H and 21"H) to align with the other Antenna Center Screens and can be installed on 22"H, 28"H and 34"H Legs.

Planning Guideline:

- + Can not be installed on 9"H Low Foot assemblies.
- + Specify a Beam Top Cap to fill the empty channel between the ladder supports
- + Moves freely along Beam channel, so ladder width does not have to equal beam width
- + Rungs have grooves along top so accessories can hang on both sides
- + Can span over multiple Power Beams

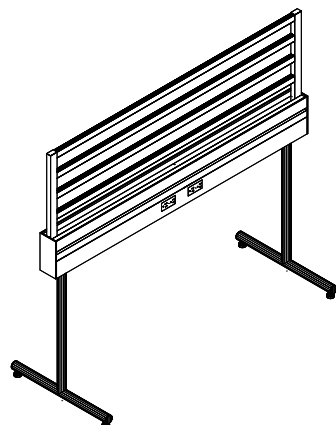
Ladder Heights:

14"H
21"H

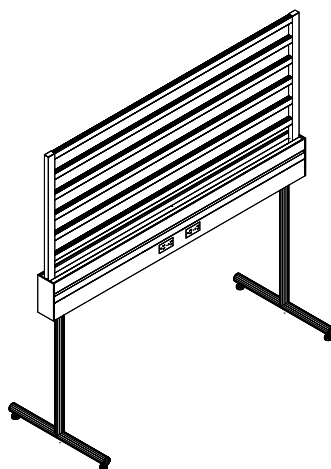
Ladder Widths:

30", 36", 42", 48"

*42"H and 49"H Horizons will only be achieved when ladders are installed on Beam with Legs for 28H application.



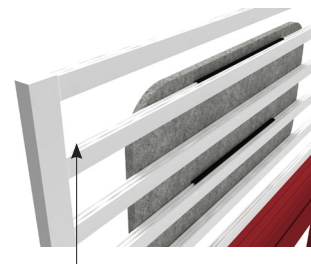
14"H Ladder Screen



21"H Center Screen

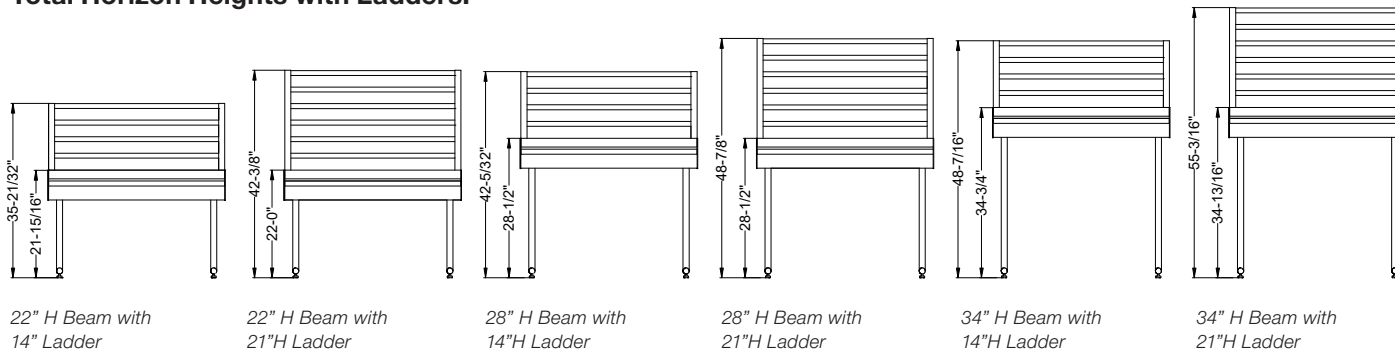


Power Beam Ladder



Grooves for dual-sided

Total Horizon Heights with Ladders:



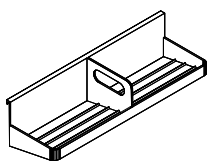
Antenna Accessories Up Mounted Components

Antenna accessories allow people to personalize storage and display elements in their workspace. When combined with Ladder or the Power Beam side channel,

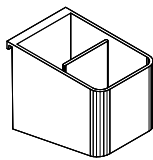
mobile Antenna Accessories keep personal items and work tools off the worksurface.

Cup (#YNACUP) and Tray (#YNATRAY)

- + Made of plastic and come in several unique colors
- + Move freely between desktop and mounted applications with no-tool installation
- + Can be used on the Power Beam itself, a Ladder, Knoll Systems Slatwall and as freestanding on a desktop



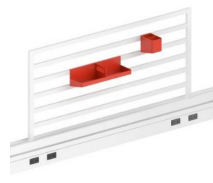
Tray



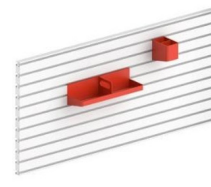
Cup



Power Beam



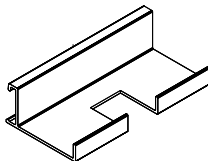
Ladder



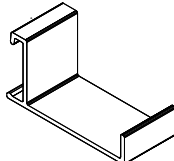
Knoll Systems Slatwall

Phone Rest(#YNAPHONE) and Hook (#YNALHOOK)

- + Only mount to Antenna Beam Ladder
- + Available in any Knoll paint finish and any Antenna accent paint finish



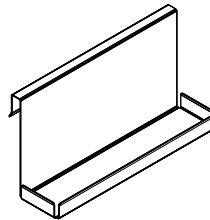
Phone Rest



Hook

Screen Tray (#YNAKTRAY_)

- + For use over Antenna 1/2" thick laminate and glass screens, k.stand contour screens



Moveable Screen (#YNALTACK_)

- + Mounts to Ladder Slats
- + Available in PET, Cork, Felt



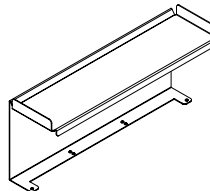
Moveable Screen

Phone Rest

Hook

Desk Mounted Tray (#YNADSHELF)

- + For use with 1-1/4" thick worksurfaces
- + Mounts to the underside of surface. Shelf rises above and over top of surface



In-Line Beam Mounted Metal Planters Up Mounted Components

Power Beam mounted planters offer a fresh take on space delineation and bring nature into the workspace.

Available in any Knoll core paint finish and Antenna accent paint finishes.

Planning Guideline:

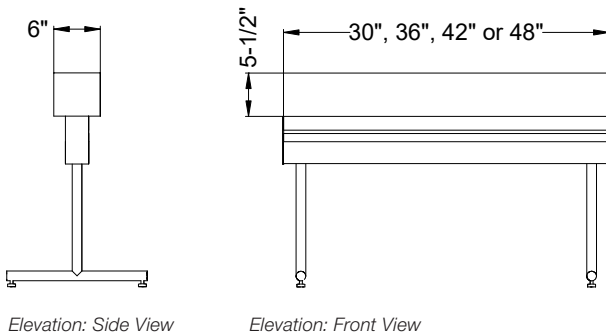
Planter is installed directly on top of the Power Beam

- + Width of Planter does not need to be the same width as the Power Beam
- + Can span over multiple Power Beams
- + Can be installed on 9" H Low foot, 22" H, 28" and 34" H Beam Assemblies
- + Beam Top Cap can span under Planter
- + A Planter Liner must be specified separately. (#YNABPL)
 - Liner is a single size that works in any width planter. It is adjusted during installation to fit.
 - Plastic liner provides a light drip protection for and is not a water tight seal
 - All plants must be potted - do not place soil or plants directly into planter
 - Plants not included

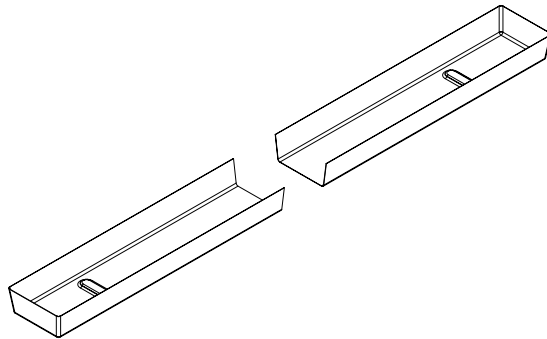


In-Line Beam Mounted Planter Sizes:

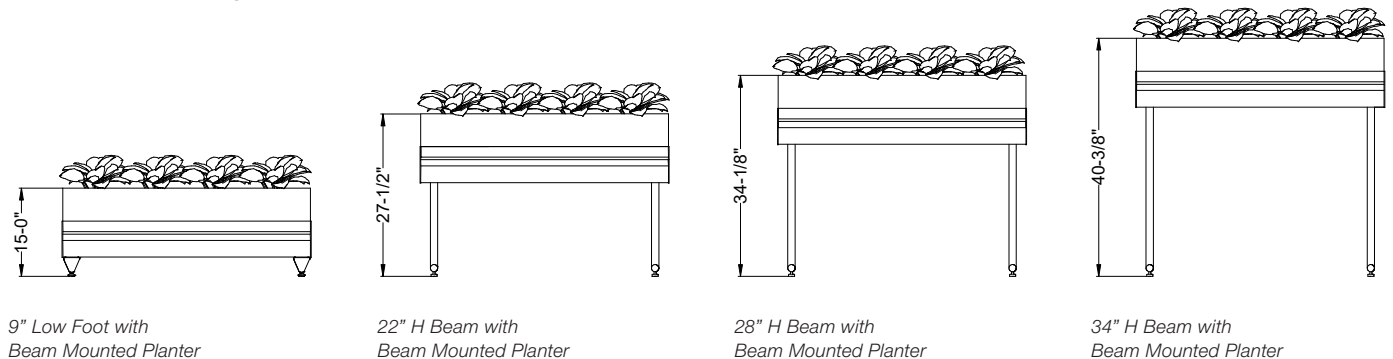
Depth: 6" Height: 5-1/2" Width: 30", 36", 42", 48"



Planter Liner:



Total Horizon Heights with Beam Mounted Planter:



Beam Mounted Counters Up Mounted Components

Beam-mounted counters provide a slim surface on which small devices, personal items, and shared tools can rest at the workstation. In shared spaces, the Power

Beam with counter provides an easy touchdown space for charging up. Available in Knoll core laminates and veneers.

Planning Guideline:

- + Counter is installed directly on top of the Power Beam
- + Takes the place of a Beam Top Cap
- + Width of Counter does not need to be the same width as the Power Beam
- + Counter widths can be longer than overall beam width, but cannot exceed overhang of 5-1/2" on each side (see figure 1)
- + Can span over multiple Power Beams
- + Can be installed on 22", 28" and 34"H Beam Assemblies



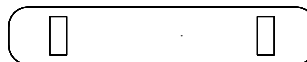
Counter Depth: 9-3/4"

Counter Thickness: 0-3/4"

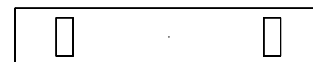
Counter with Rounded Corners available in the following widths: 48"W and 54"W

Counter with Square Corners available in the following widths: 36", 42", 48", 54", 60", 66", 72", 78", 84", 90", 96"

Shapes:



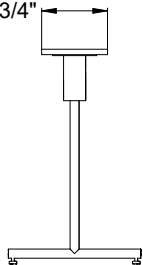
Rounded Corner Counter



Square Corner Counter

Depth:

9-3/4"



Elevation: Side View

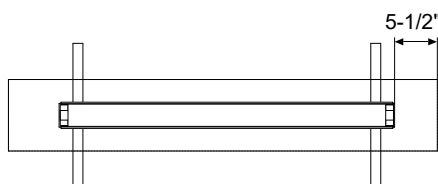
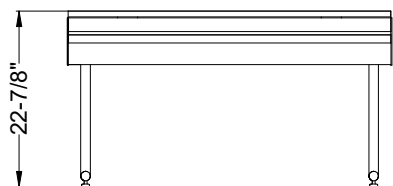


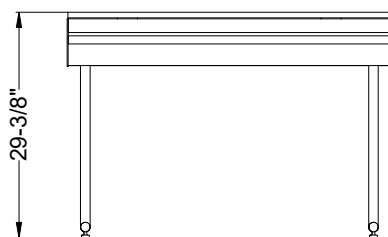
Figure 1 - Plan View:
Maximum overhang allowed on each side is 5-1/2"



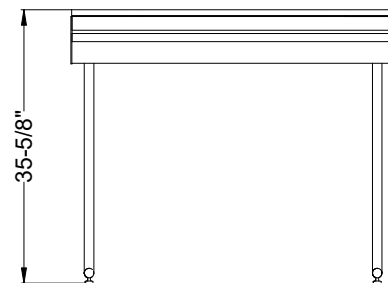
Total Horizon Heights with Beam Mounted Counter:



22" H Beam with
Beam Mounted Counter



28" H Beam with
Beam Mounted Counter



34" H Beam with
Beam Mounted Counter

Statement of Line Side Mounted Components

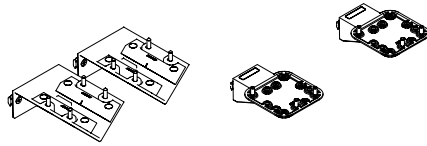
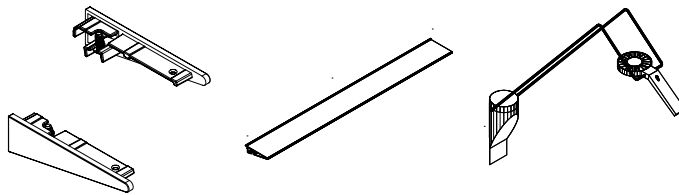


Table and Rail Supports

*Rail Support
Adapters*

*Simple Table Support
Adapters*

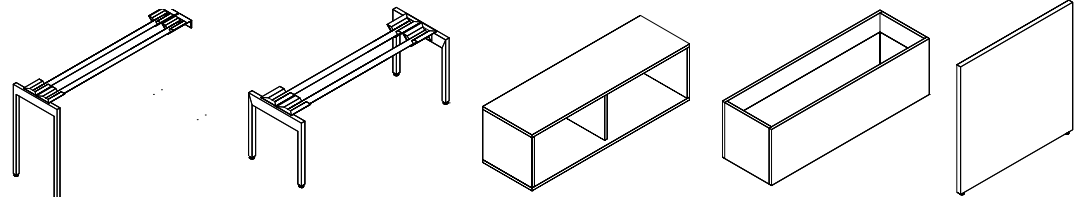


Side Mount Components

Shelf End Caps

Triangle Shelf

Sparrow Side Mounted



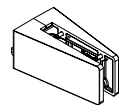
*Bridge Cabinet
Support Kit*

*Planter Cabinet
Support Kit*

*Open Bridge
Cabinet*

*Planter Bridge
Cabinet*

*Gallery Panel,
Intermediate*



*Gallery Panel
Intermediate Attachment
Bracket*

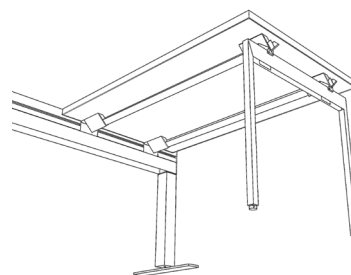
Antenna Desks Side Mounted Components

Rail to beam adapter kits (# YNSBAR) mount into the side slot of the power beam and accepts Antenna desk rails.

The pair of brackets replace an Antenna desk leg providing a clean aesthetic.

Planning Guideline:

- + Table can only be used perpendicular to the beam
- + 1-1/4" wire drop between beam desktop
- + Adapter can only be used with 28"H Antenna Desk and 28"H Power Beam Legs



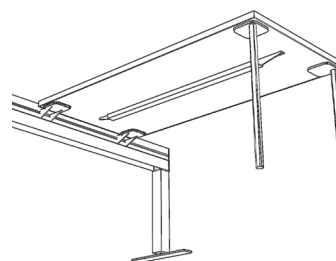
Underside View

Simple Table

Simple table adapter kit (# YNSBAS) mounts into the side slot of the power beam and takes the place of a Simple table leg.

Planning Guideline:

- + Table can placed perpendicular or parallel to the beam
- + 1-1/4" wire drop between beam desktop
- + Adapter takes the place of Simple Table Legs
- + 2 Simple Table legs will be replaced by 2 adapter kits in parallel or perpendicular applications
- + All Simple Table planning guidelines must be followed (Stiffeners are required per planning guide)
- + Adapter can only be used with High Range Simple Table Legs and 28"H Power Beam Leg



Underside View

Side Shelf Side Mounted Components

A Side shelf mounts to the side of a Power Beam in the groove located on the face of either side of the Beam.

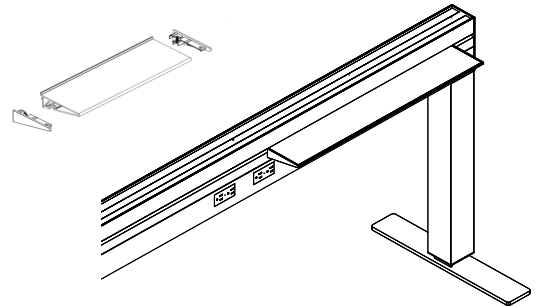
It is available in various widths and can be installed anywhere along the width of the beam.

Planning Guideline:

- + Must specify the end caps separately
- + If doing a run of shelves side by side, specify end caps only for the outer most edges
- + Side shelf can span over multiple beams

Shelf Depth: 4"

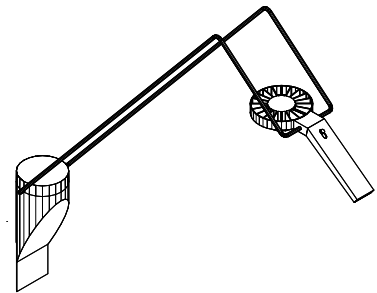
Shelf Widths: 12", 24", 36", 42", 48", 54", 60", 66", 72", 78", 84", 90", 96"



Lighting

The Knoll Extra Sparrow Light with Antenna side mount can be installed anywhere along the Power Beam. The mount engages with the top edge of the beam and secures into the groove on the face of

the beam. Ensure that no other components are in the way and that sufficient space is available for the mount and arm.



Bridge Cabinet Side Mounted Components

Antenna Power Beam Bridge Cabinets provide unique storage and surface space with open shelving designed to face a workstation user. It can also be used as a spatial divider providing users with functional privacy. Cabinet cases are available in laminate or veneer and

can be specified with contrasting exterior and interior colors. Bridge cabinets are installed on top of a Support Kit that is made up of Antenna style legs and rails and attaches to the main Beam with cradle brackets.

Planning Guideline:

- + Order as two separate pieces, the Cabinet (#YNSBOC_ _ _) and the Bridge Base Support Kit (#YNSBS_ _ 28)
- + Bases attach to the Power Beam with cradle brackets that are included with the support kit
- + Base support kit height must match height of Beam it is attaching to
- + Open Bridge Cabinets can only be installed on Bridge Cabinet Support Kit, 28"H.
 - 22"H Bridge Cabinet Support Kit CAN NOT be used to support a Bridge Cabinet. They are used with Planters only.
- + Bridge Cabinets cannot be installed on 22"H Power Beam or 16"H Freestanding Planter Support Kit
- + Width of Bridge Cabinet must match the width of the Support Kit

Single Color Application



Two-Tone Color Application

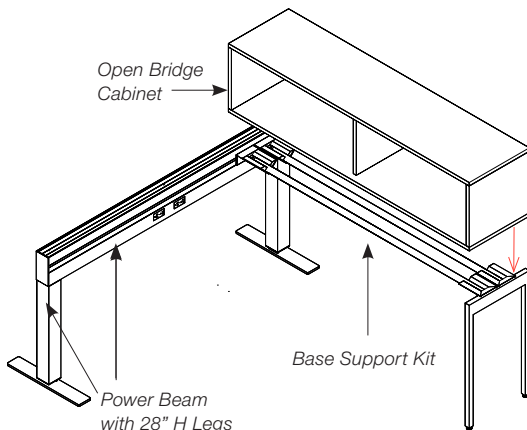
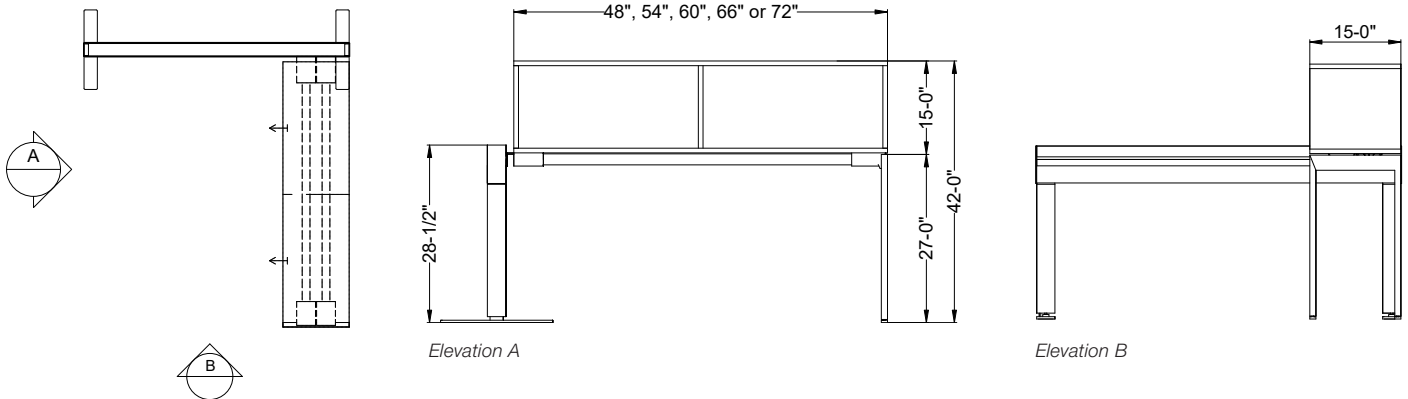


Open Bridge Cabinet Height: 15"

Open Bridge Cabinet Depth: 15"

Open Bridge Cabinet Widths: 48", 54", 60", 66", 72"

28"H Support Kit Widths: 36", 42", 48", 54", 60", 66", 72"



Planter Cabinet Side Mounted Components

Antenna Power Beam Planter Bridge Cabinets allows nature to be integrated into the workspace while also providing privacy. Planter Cabinet cases are available in laminate or veneer and come with a plant liner. Planter can be installed on top of a Support Kit that is made up

of Antenna style legs and rails and attaches to the main Beam with cradle brackets. Planter can also be installed on top of a Floorstanding Planter Support Kit, to create a freestanding application.

Planning Guideline:

- + Planter Cabinets can be installed on 22"H and 28"H Bridge Support Kits and 16" Floorstanding Planter Support Kit
- + Order as two separate pieces, the Planter (#YNSBP_ _) and the Bridge Base Support Kit (#YNSBS_ _22 or #YNSBS_ _28) or the Freestanding Planter Support Kit (#YNSFS_ _16)
- + Bridge Base Support Kits attach to the Power Beam with cradle brackets that are included with the support kit
- + Bridge Base Support Kit height must match height of Beam to which it is attaching
- + Floorstanding Planter Support Kit is freestanding and does not attach to Power Beam
- + Planter Cabinet comes with adjustable liner that fits inside the bottom of the planter
 - Plastic liner provides a light drip protection for wood and is not a water tight seal
 - All plants must be potted - do not place soil or plants directly into planter.

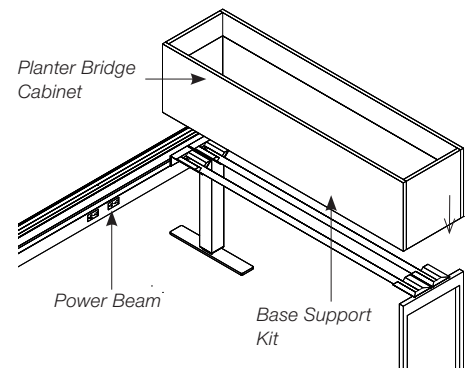
Planter Bridge Cabinet Height: 15"

Planter Bridge Cabinet Depth: 15"

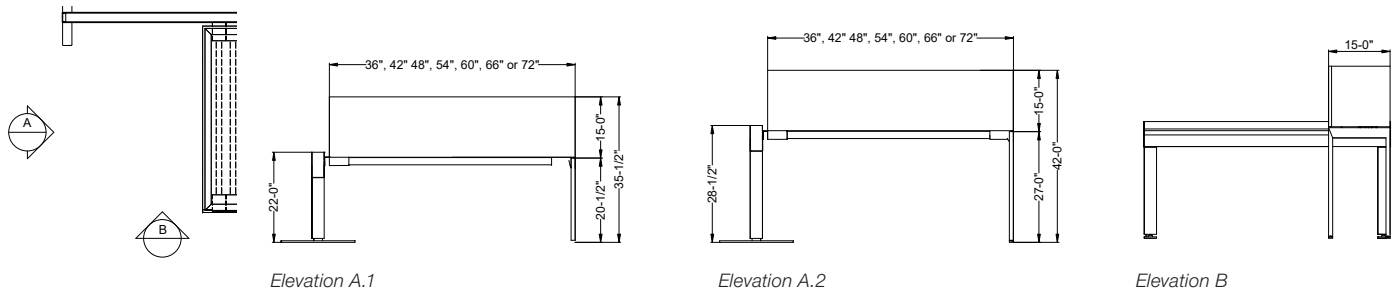
Planter Bridge Cabinet Widths: 36", 42", 48", 54", 60", 66", 72"

Base Kits Heights for Planter Use: 16" Freestanding, 22"H and 28"H Support Kits

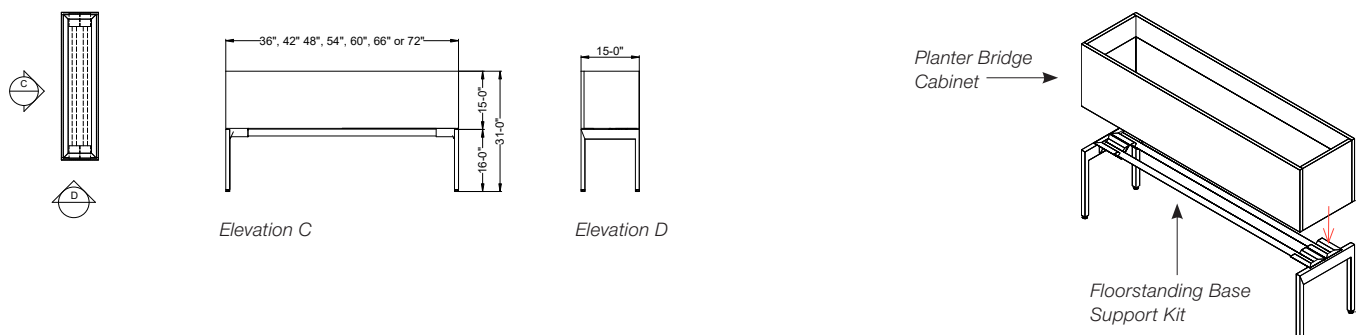
Support Kit Widths: 36", 42", 48", 54", 60", 66", 72"



Planter Bridge Cabinet with Base Support Kit



Planter Bridge Cabinet with Freestanding Base Support Kit



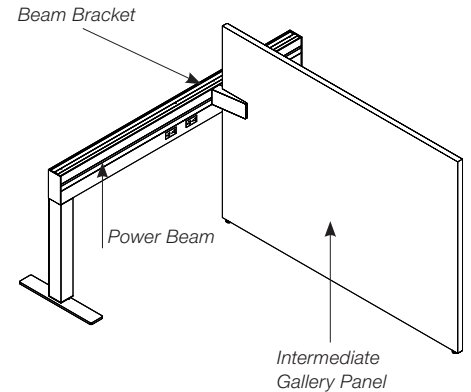
Intermediate Gallery Panels Side Mounted Components

An extensive series of laminate and veneer partitions with applications that delineate space and provide a planning

alternative when the need to carry data and utilities is not required.

Planning Guideline:

- + Bracket attaches along the face of the Power Beam
- + Must specify Bracket Kit (# YNGPBB) and Gallery Panel (# YNGPI_ _ _) separately
- + One Gallery Panel requires (1) Bracket Kit
- + Any height Gallery Panel can be planned with a Beam at the same height or lower
- + Cannot be planned with 9.5"H Low Beam Foot
- + Cannot plan Intermediate Gallery Panel precisely at a Beam junction
- + Fastener holes are visible on one side of the bracket (right side if facing the beam).
The brackets are not reversible to choose which side the holes face



Gallery Panel Heights: 28-1/2", 34", 42", 49", 56"

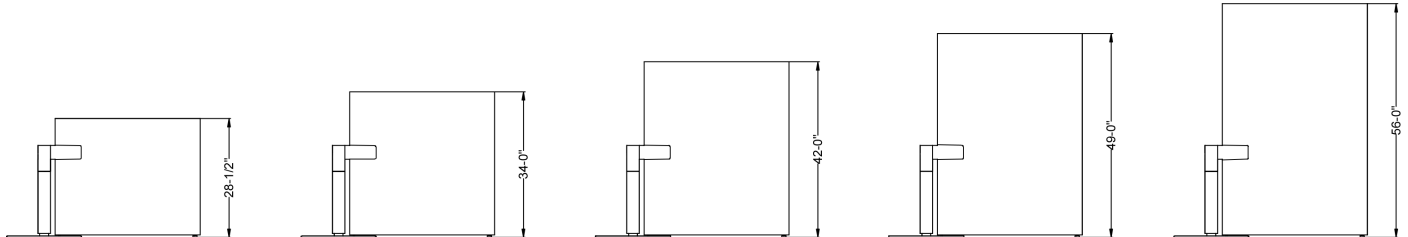
Gallery Panel Thickness: 1-1/8"

28 1/2"H Gallery Panel Widths: 34"H, 42"H,

49"H Gallery Panel Widths: 18", 24", 27", 30", 36", 42", 48", 54", 60", 66", 72", 78", 84", 90", 96"

56"H Gallery Panel Widths: 18", 24", 27", 30", 36", 42", 48", 54", 60"

Elevations



Hybrid Storage

Dual-Sided, Single-Sided and Single-Sided Tech Back Cabinets are designed to be planned freestanding or installed under Antenna Power Beam to provide the opportunity for fixed storage under the beam. Lower Storage Cabinets are available in 22" and 28" heights with a variety of storage configurations for use on 28"H and 34"H Power Beam applications. Single Sided Tech Back Cabinets are designed to allow cable passage behind the cabinet. A Back Enclosure can be specified

to conceal the back of the Single Sided Tech Back unit when placed in a single sided position. Tall Hybrid storage can be planned as stand alone or can attach in-line with low hybrid storage. Tall storage is available in 49"H with open and hinged door options. Hybrid storage is designed with metal sides and a laminate or wood case. This mix of materials has a sleek side panel and provides an opportunity to mix finishes to meet your aesthetic goals.

General Guidelines:

- + 22"H Hybrid Storage will support a 28-1/2"H Beam
- + 28"H Hybrid Storage will support a 34"H Beam
- + Hybrid storage can be specified as freestanding units
- + When planned to support a Beam, Hybrid Low Cabinet takes the place of a Beam Support. Use End or Mid Attachment Kits to connect cabinet to beam.
- + Hybrid Storage with Drawers does not include filing capability
- + Light Gap Seal (# YNFBLS) should be specified when planning Low Storage with Power Beam. Seal covers the slight gap between the top of the Lower Cabinet and the bottom of the Power Beam Cover to prevent light to leak through the gap. Seal is 90"W and can be cut to fit in the field.

Counterweight kits must be specified with select drawer configurations:

- 28"H Single-sided drawer-over-drawer configuration (YNFSD28) must be paired with YNFCWKIT1
- 28"H Single-sided drawer-over-open configuration (YNFSDO28) must be paired with YNFCWKIT2



Types of Hybrid Storage:

Note: See Statement of Line for all storage configurations and sizes.



Dual Sided Cabinet



Single-Sided Cabinet

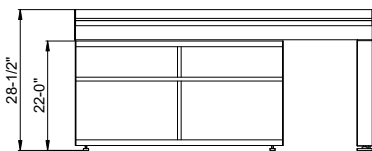


Single-Sided Tech Back Cabinet
with Back Enclosure

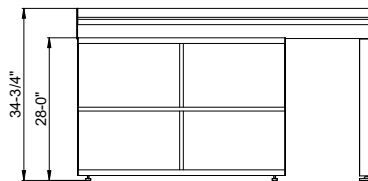


Tall Storage

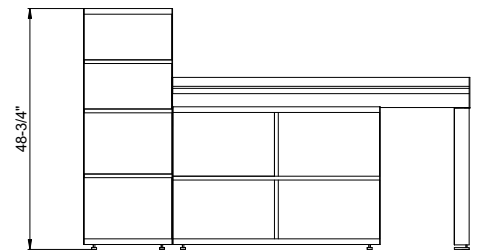
Elevations:



Elevation: 28-1/2"H Beam with
22"H Hybrid Storage

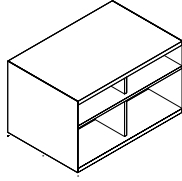


Elevation: 34"H Beam with
28-1/2"H Hybrid Storage



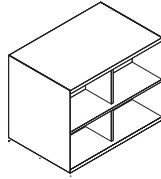
Elevation: Tall Hybrid Storage with
Lower Storage and Beam

Statement of Line

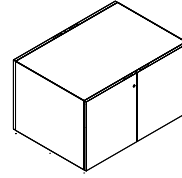


**Dual Sided
Open Cabinets**

W: 30, 36, 42
D: 24 H: 22

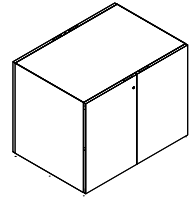


W: 30, 36, 42
D: 24 H: 28

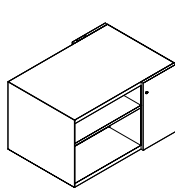


**Dual Sided Hinged
Door Cabinets**

W: 30, 36, 42
D: 24 H: 22

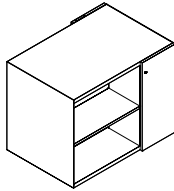


W: 30, 36, 42
D: 24 H: 28

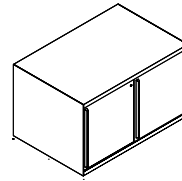


**Dual Sided Open
with Hinged Door
Cabinets**

W: 36, 42
D: 24 H: 22

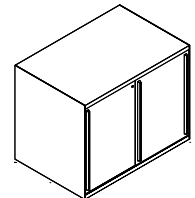


W: 36, 42
D: 24 H: 28

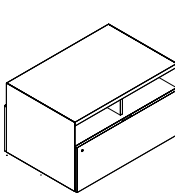


**Dual Sided Sliding
Door Cabinets**

W: 30, 36, 42
D: 24 H: 22

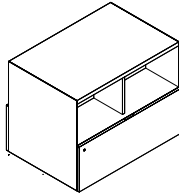


W: 30, 36, 42
D: 24 H: 28

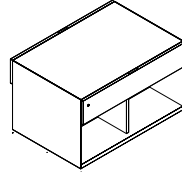


**Dual Sided Cabinet
Bottom Drawer**

W: 30, 36, 42
D: 24 H: 22

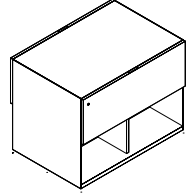


W: 30, 36, 42
D: 24 H: 28

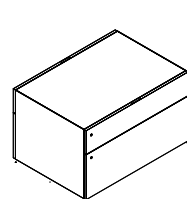


**Dual Sided Cabinet
Top Drawer**

W: 30, 36, 42
D: 24 H: 22

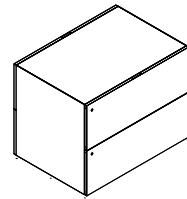


W: 30, 36, 42
D: 24 H: 28



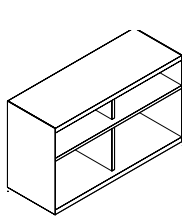
**Dual Sided Cabinet
Top/Bottom
Drawers**

W: 30, 36, 42
D: 24 H: 22



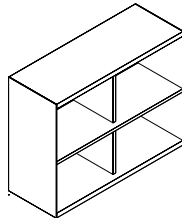
W: 30, 36, 42
D: 24 H: 28

Statement of Line, continued

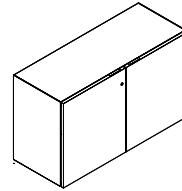


**Single Sided
Open Cabinets**

W: 30, 36, 42
D: 13.5 H: 22

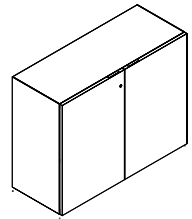


W: 30, 36, 42
D: 13.5 H: 28

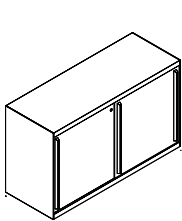


**Single Sided Hinged
Door Cabinets**

W: 30, 36, 42
D: 13.5 H: 22

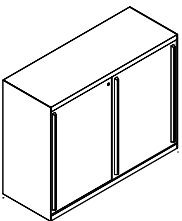


W: 30, 36, 42
D: 13.5 H: 28

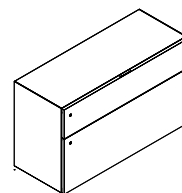


**Single Sided Sliding
Door Cabinets**

W: 30, 36, 42
D: 13.5 H: 22

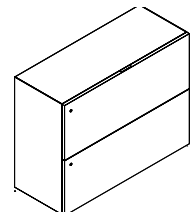


W: 30, 36, 42
D: 13.5 H: 28

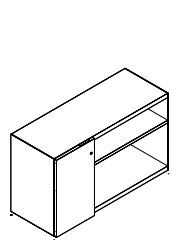


**Single Sided
Drawer Cabinets**

W: 30, 36, 42
D: 13.5 H: 28

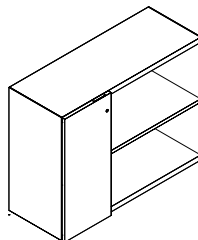


W: 30, 36, 42
D: 13.5 H: 28

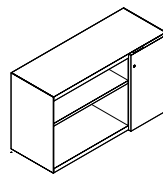


**Single Sided
Cabinets,
Left Door**

W: 30, 36, 42
D: 13.5 H: 22

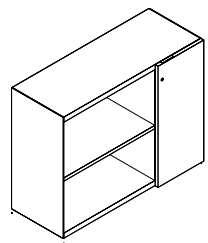


W: 30, 36, 42
D: 13.5 H: 28

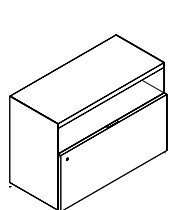


**Single Sided
Cabinets,
Right Door**

W: 30, 36, 42
D: 13.5 H: 22

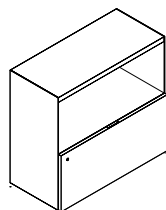


W: 30, 36, 42
D: 13.5 H: 28

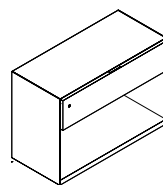


**Single Sided
Cabinets,
Bottom Drawer**

W: 30, 36, 42
D: 13.5 H: 22

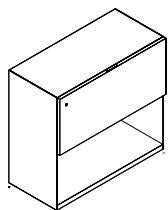


W: 30, 36, 42
D: 13.5 H: 28



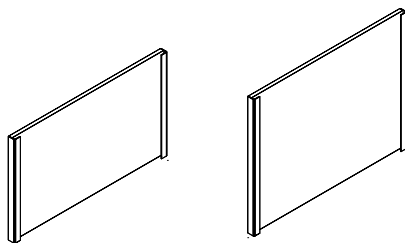
**Single Sided
Cabinets,
Top Drawer**

W: 30, 36, 42
D: 13.5 H: 22



W: 30, 36, 42
D: 13.5 H: 28

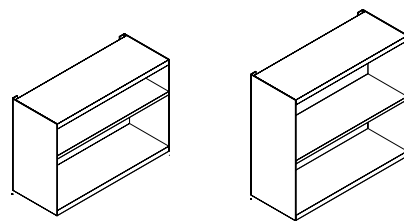
Satement of Line, continued



**Back Panel for
Tech Enclosures**

W: 30, 36, 42
D: 1.5 H: 22

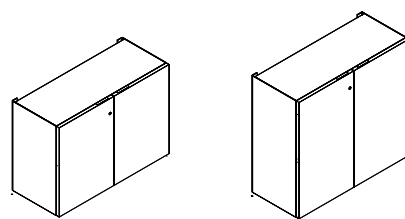
W: 30, 36, 42
D: 1.5 H: 28



**Single-Sided
Tech-Back Cabinets**

W: 30, 36, 42
D: 12 H: 22

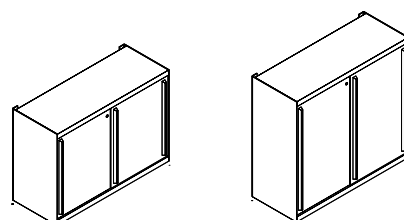
W: 30, 36, 42
D: 12 H: 28



**Single-sided
Tech-Back Hinged
Door Cabinets**

W: 30, 36, 42
D: 12 H: 22

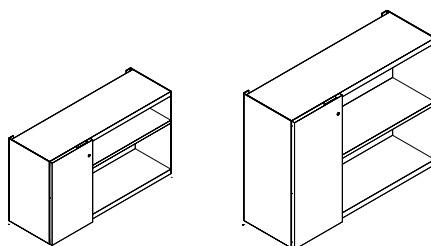
W: 30, 36, 42
D: 12 H: 28



**Single-sided
Tech-Back Sliding
Door Cabinets**

W: 30, 36, 42
D: 12 H: 22

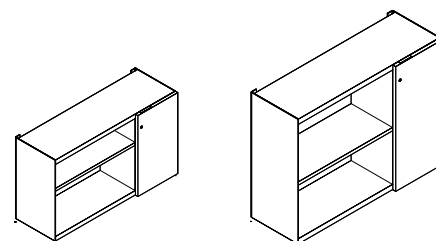
W: 30, 36, 42
D: 12 H: 28



**Single-Sided
Tech-Back Cabinets
Left Door**

W: 30, 36, 42
D: 1.5 H: 22

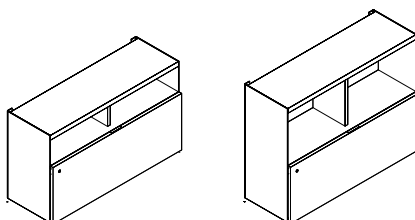
W: 30, 36, 42
D: 1.5 H: 28



**Single-Sided
Tech-Back Cabinets
Right Door**

W: 30, 36, 42
D: 1.5 H: 22

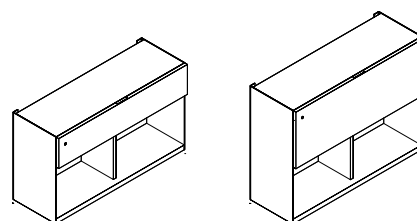
W: 30, 36, 42
D: 1.5 H: 28



**Single-Sided
Tech-Back Cabinets
Bottom Door**

W: 30, 36, 42
D: 12 H: 22

W: 30, 36, 42
D: 12 H: 28



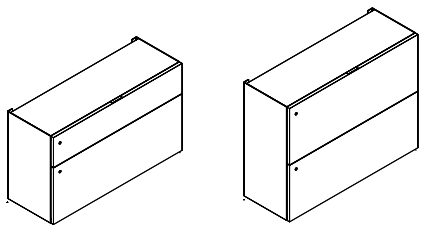
**Single-Sided
Tech-Back Cabinets
Top Door**

W: 30, 36, 42
D: 12 H: 22

W: 30, 36, 42
D: 12 H: 28

Satement of Line, continued

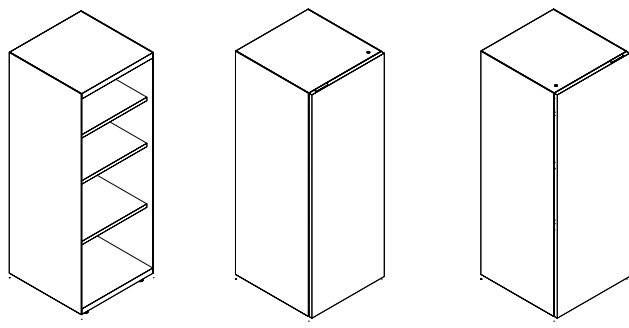
Single-Sided Tech-Back Cabinets Top/Bottom Drawer



W: 30, 36, 42
D: 12 H: 22

W: 30, 36, 42
D: 12 H: 28

Tall Hybrid Storage Cabinets

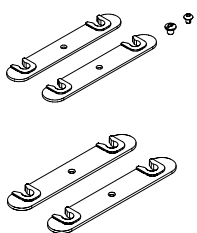


W: 18 D: 18 H: 49

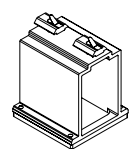
W: 18 D: 18 H: 49

W: 18 D: 18 H: 49

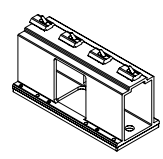
Alignment and Attachment Kits



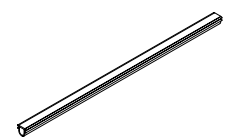
Tall Cabinet & Bottom
Alignment Kit



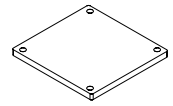
Beam to Storage
Attachment Kit, End



Beam to Storage
Attachment Kit, Mid

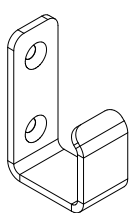


Beam to Storage
Light Seal



Top Alignment Bracket
Attachment Kit, End

Accessories



Coat Hook

Hybrid Storage

Dual-Sided Storage

Dual Sided storage is designed to be positioned and shared between workstations. Whether planned under the beam or in a freestanding application, dual sided storage is the most cost effective hybrid storage solution.

Planning Guideline:

- + Does not allow for cable passage from floor up to the Beam
- + Can be planned side by side with back-to-back Tech Back cabinets without the Back Enclosure Panel (See Image 1.1)
- + Glide Height Adjustment range is 5/8" (0.625")

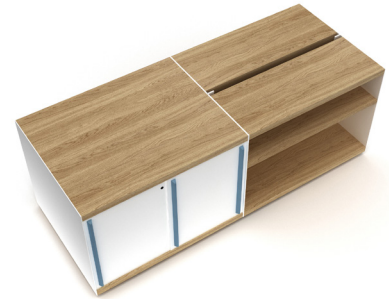
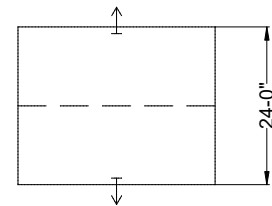


Image 1.1: Dual-Sided Cabinet next to Back to Back Single Sided Tech Cabinet



Plan View

Single Sided Storage

Single Sided storage coordinates with Dual Sided storage to accommodate layouts requiring yin-yang solutions, storage positioned against a wall, or other situations where access to both sides is limited.

Single sided units include a finished back panel.

Planning Guideline:

- + Does not allow for cable passage from floor up to the Beam
- + Single-Sided Cabinets can be planned side by side with a single Tech Back Cabinet with Back Enclosure Panel (See Image 2.1 & 2.2)
- + Balancing/Counterweight Kits required on Drawer over Open Cabinet 28"H (Kit #YNFCWKIT2) and Drawer over Drawer Cabinet 28"H (Kit #YNFCWKIT1)
- + Glide Height Adjustment range is 5/8" (0.625")
- + Two single sided units located Back to Back are deeper than a single Dual Sided cabinet



Image 2.1 (Front View): Single-Sided Cabinet next to Single-Sided Tech Cabinet with Tech Back

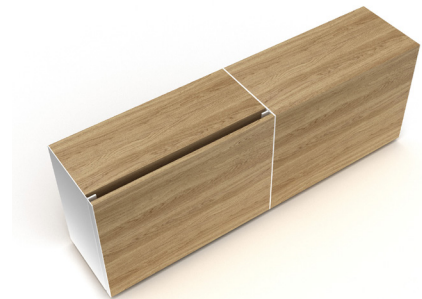
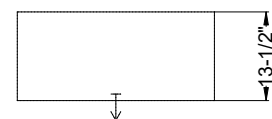


Image 2.2 (Back View): Single-Sided Cabinet next to Single-Sided Tech Cabinet with Tech Back



Plan View

Note: See Statement of Line for all storage configurations and sizes.

Single-Sided Storage with Tech Back

Single-Sided Storage with Tech Back

Single Sided Storage with Tech Back provides a wire access gap at the rear of the unit to permit power & data to run directly into the Power Beam. Single Sided

Storage with Tech Back can be planned seamlessly with both Dual Sided and Single Sided storage.

Single Sided Storage with Tech Back requires a back panel when installed in a single sided configuration.

Planning Guideline:

- + Features a 1-1/2" Cable Passage gap, providing wire access from the floor to the underside of the Power Beam
- + There is 1" clearance between the finished floor and the underside of a hybrid storage cabinet. The glide adjustment range is 5/8" (0.625")
- + As space below the cabinet is limited, it is necessary to understand the type & size of the floor monument being used to bring power into the workstation to confirm that the Single Sided Storage with Tech Back will accommodate it.
- + Specify with Back Enclosure (# YNFTBP_ _ _ _ _) when placed in a Single-Sided application (See figure 3.1)
- + Back enclosure is not needed when planned in a back-to-back application (See figure 3.2)
- + Back Enclosure height should match the height of the low tech back storage cabinet
- + Balancing/Counterweight Kits required on Drawer over Open Cabinet 28"H (Kit #YNFCWKIT2) and Drawer over Drawer Cabinet 28"H (Kit #YNFCWKIT)

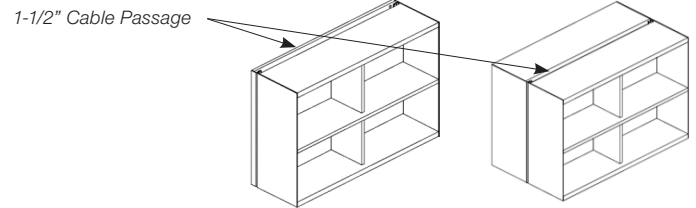
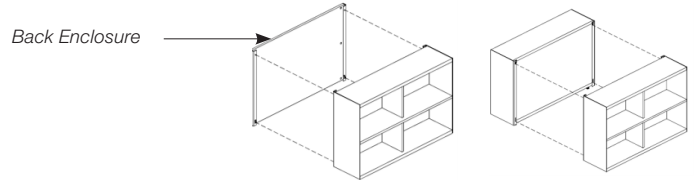
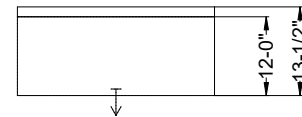


Figure 3.1: Single-Sided Tech Back Cabinet with Back Enclosure

Figure 3.2: Single-Sided Tech Back Cabinet Back to Back



Plan View
Single Sided Storage with Tech Back and Back Enclosure

Note: See Statement of Line for all storage configurations and sizes.



Low Storage Attachment Kits to Power Beam

When planned to support a Beam, a Hybrid Low Cabinet takes the place of a Beam Support. Attachment Kits connect cabinet to beam providing a secure and stable attachment.

Planning Guideline:

- + Every run of Hybrid Storage Cabinets that supports a length of Power Beam will require (2) End Kits:
 - Specify End Kit at the end of a beam when the beam is equal to or shorter than the Hybrid Storage cabinet.
 - Specify End Kit at the end of a cabinet when the beam is longer than the Hybrid Storage cabinet.
- + Specify mid kits in all locations where a mid leg would be required (where two beams meet or where length of run requires additional support)
- + End kits and Mid Kits plan just like End and Mid Legs and follow the same rules
- + Attachment kits mount directly to storage with fasteners (see figure 4.1). Kits will make holes in the top of the cabinet.
- + Connectors and light gap fillers must be specified separately
- + Light gap seal is always 90"W and is trimmed on site

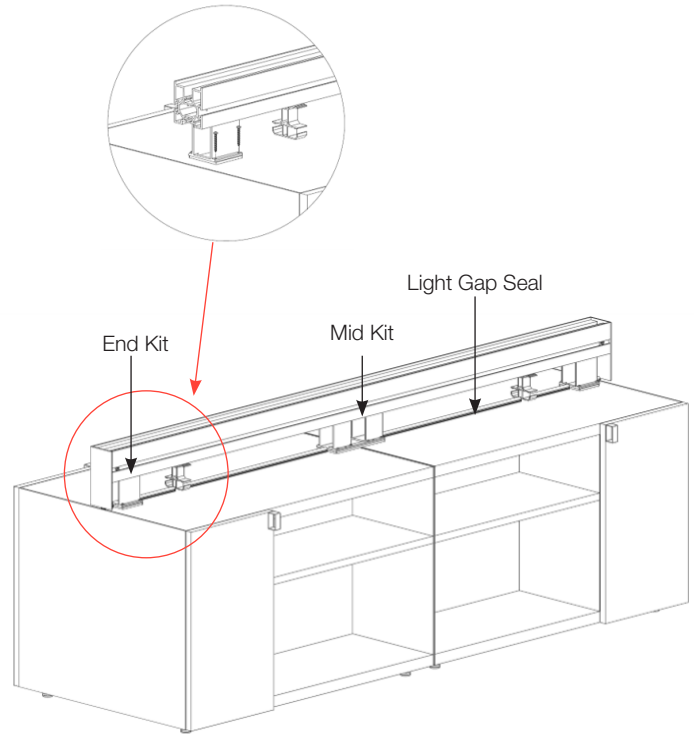


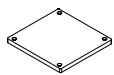
Figure 4.1

Low Storage Alignment of Ganged Units

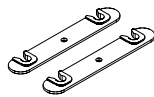
Alignment brackets are used to keep storage units straight and ensure they properly support the beam.

Planning Guideline:

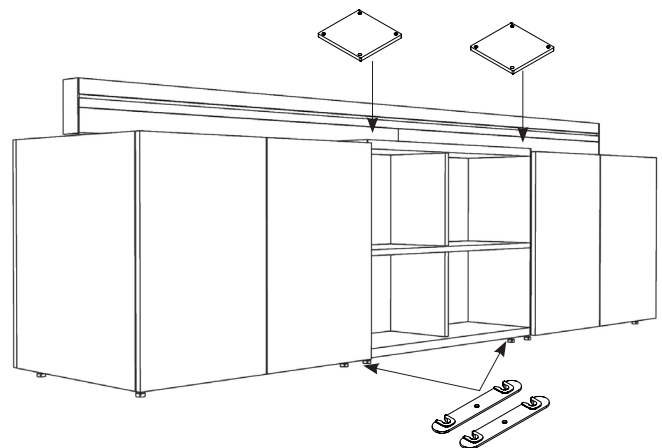
- + All alignment brackets must be specified separately
- + Top Alignment Bracket (#YNFAF) is used to gang adjacent Hybrid Storage with Power Beam Above
 - Use Top Alignment Bracket when a mid-kit support is not required
- + Bottom Glide Alignment Bracket (# YNFAB) for ganging the glides of side-by-side AND back-to-back units
 - Bottom Glide Alignment Brackets should be used whenever Hybrid storage cabinets are adjacent.



Top Alignment Bracket



Bottom Glide Alignment Bracket



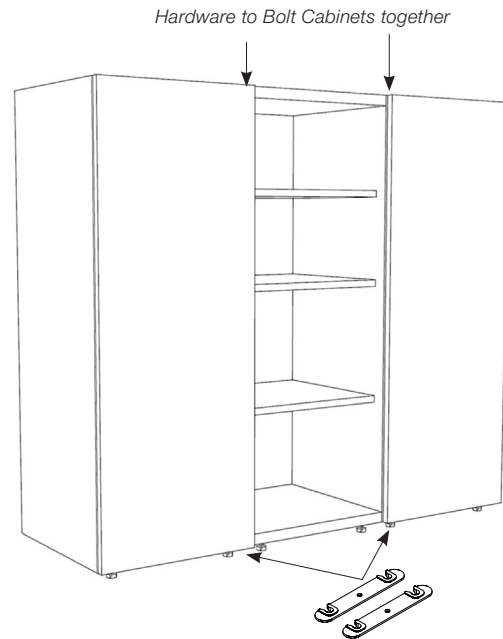
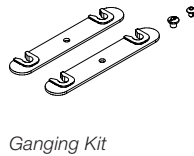
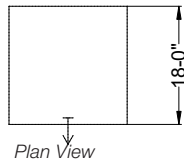
Note: See Statement of Line for all storage configurations and sizes.

Tall Storage

Tall Hybrid Storage provide the opportunity to store larger items, like coats, and display items on shelves. The 49H cabinet can be used to provide visual clues on a floor plan or, when ganged together, visual privacy for users.

Planning Guideline:

- + Hinged door cabinet includes one black coat hook and three shelves
- + Additional coat hooks can be specified separately in all core finish colors
- + Ganging Kits must be ordered separately
- + Ganging Kit includes brackets for ganging the glides at the bottom of the cabinet and hardware to bolt the cabinets together at the top
- + Tall Cabinets can be ganged to Lower Cabinets using just the lower ganging brackets



Note: See Statement of Line for all storage configurations and sizes.



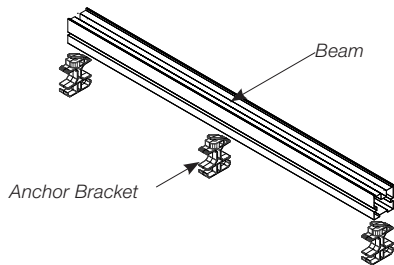
Additional Resources

- + [Price List](#)
- + [Installation Instructions](#)
- + [Replacement Parts List](#)

Addendum

Consolidated Information for Electrical Contractors

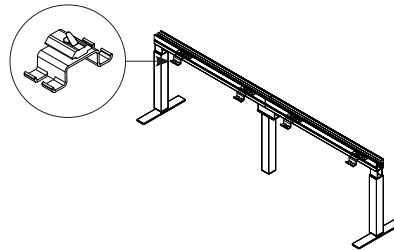
Horizontal Wire Management



Beam

Beams come standard with anchor brackets and provide cable management horizontally under the beam.

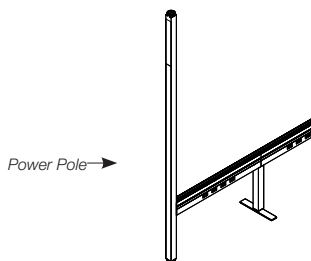
Cable Capacity of Beam: 12 cat-6 cables



Cable Clips

Attaches to underside of Beam and provides an open hook-like structure to hold wires/ cable. Clips hold a single data wire on each side.

Vertical Wire Management

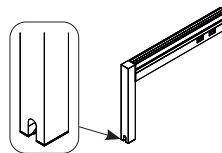


Power Poles

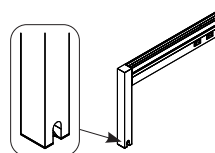
Power Poles route building power from the ceiling to the Power Beam Harness.

Cable dividers can be snapped into the interior features of the power pole to help divide and organize the wire routing space.

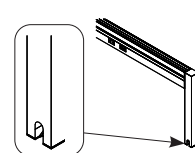
Low Power Poles, 22"H, 28"H, and 34"H, come with a notched out grommet located at the bottom of the cover. This is used to bring electrical or data wiring into the system from the floor. The location of this grommet varies and is specified as part of the power pole.



*Hand Not Specified
Locates Grommet on
the outside of the Power
Pole.*



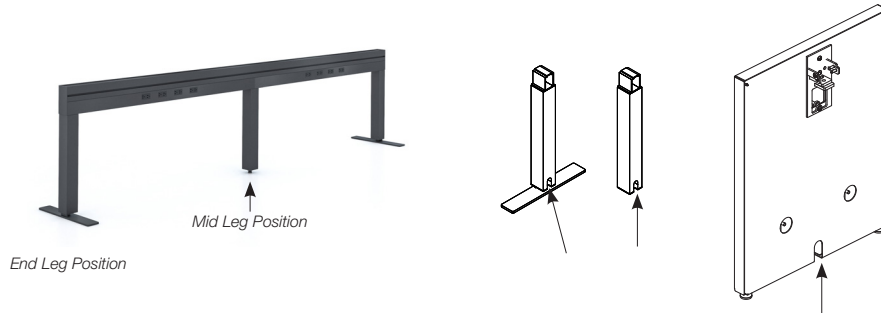
*Left Handed Grommet
Locates Grommet
Left of the Beam
when facing Beam
Configuration and
Power Pole is located
on the Left*



*Right Handed Grommet
Locates Grommet
Right of the Beam
when facing Beam
Configuration and
Power Pole is located
on the Right*

Consolidated Information for Electrical Contractors, cont.

Vertical Wire Management



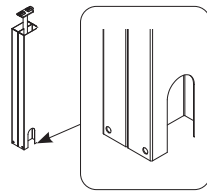
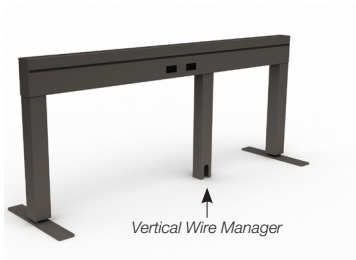
Legs & Junctions

Square Legs, Square Junctions, and End Panel supports provide wire management. They can be positioned either at the ends of Beams, at in line junctions or at corner conditions

Cable Capacity of Each Support: 12 cat-6 cables + infeed

Square Legs and Junctions must be specified "with Grommet".

End Panels always include a Grommet



Vertical Wire Manager

Attaches to underside of Beam and provides enclosed space for wire management including Base infeeds. Can be installed anywhere under the beam as long as it doesn't interfere with power harnesses or supports.

Vertical Wire Manager comes with a notched out grommet at the bottom. Grommet face out and away from the Beam run. Vertical Wire Manager can be installed anywhere under the Beam as long as it doesn't interfere with a support or a power harness.

Consolidated Information for Electrical Contractors, cont.

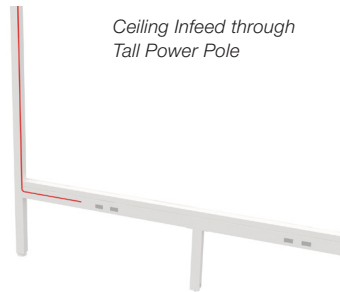
Wire Routing

Power Infeeds and Data wiring can be routed from the floor or ceiling through Support Legs, Junctions, Power Poles (Short and Tall) or Vertical Wire Managers.



Base Infeed Through Leg, Junction, Short Power Pole, or Vertical Wire Managers

Base Infeed Length: 85"



Ceiling Infeed through
Tall Power Pole

Ceiling Infeed Lengths: 144", 240"

Data Plate Information

All data cutouts are a standard Decora size.

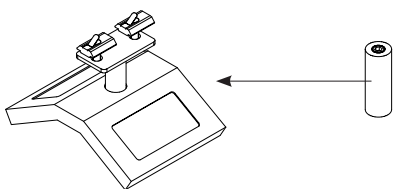
All data faceplates and cabling should be provided by the client's IT vendor in accordance with their standards. Knoll does not offer faceplates.

Power Beam offers (3) possible solutions for locating and terminating data.

Option 1: Data can be located in a Data port. Side Covers (NTC), (TC00), (TX00), (TL00), (TR00)

Option 2: Data can be located in an unused receptacle location, as long as no power harness exists at that spot. Side Covers (D22), (D20), (D02), (D2C)

Option 3: A Communications Mounting Plate (YR1CMP) can be installed on the underside of the beam. An extension kit (YR1CBX2) is required to extend the length of the mounting stem so that the plate clears the Power Beam Covers. Each extension kit includes (2) stem extension pieces. At least one piece will be required for each plate. Additional extension pieces may be required when extended depth Data Faceplates are used.



Communications
Mounting Plate

Extension Kit



Field image of
Application



Example of Standard
Depth Faceplate



Example of Extended
Depth Faceplate

NOTE:

When locating a data port in the Power Beam cover, an extended depth faceplate is recommended to allow additional space for cable routing behind the cover, especially when power is routed along the same beam.