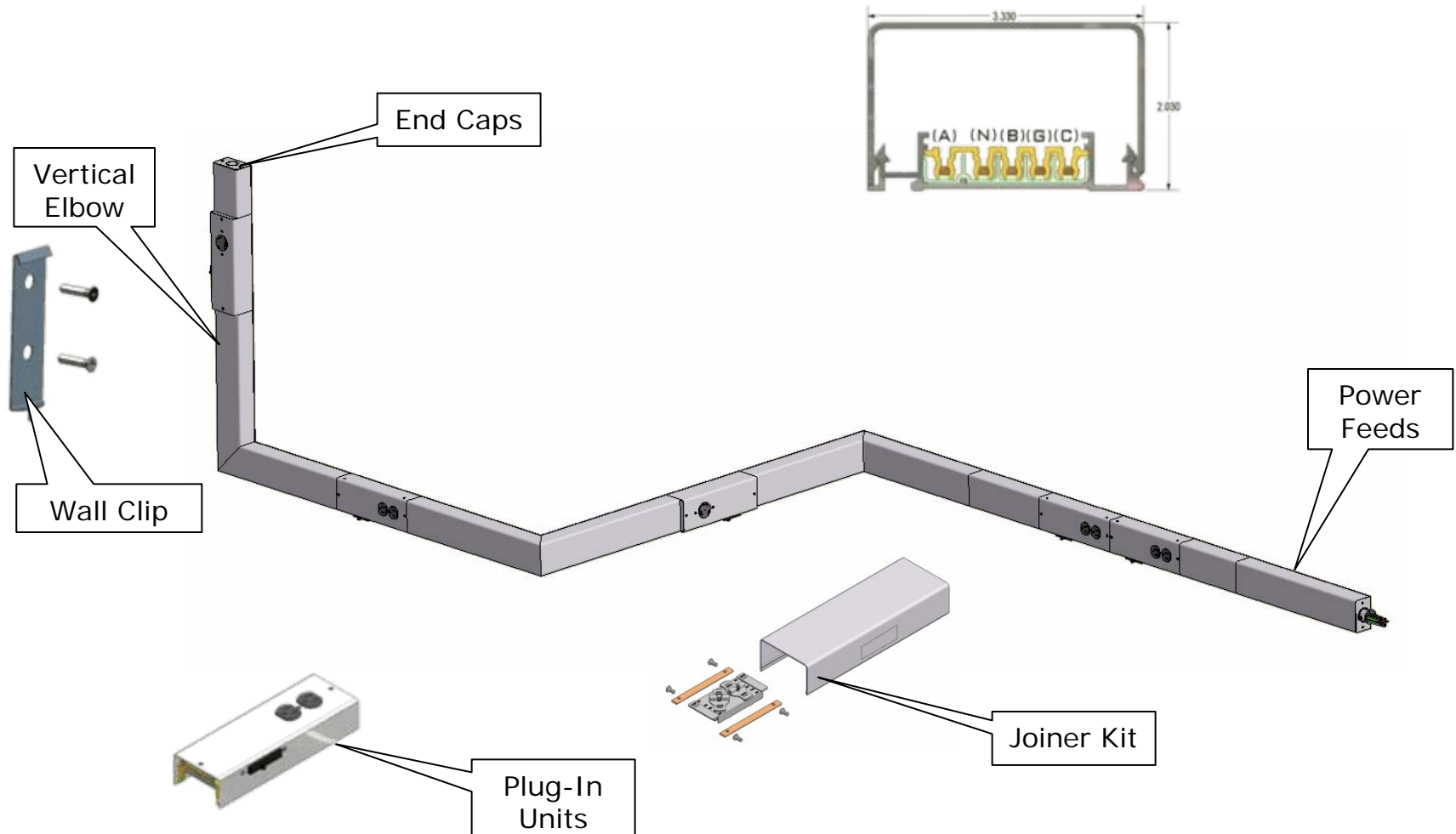


Plug-In Raceway - Power



Plug-In Raceway - Power 20, 40, 60 Amp



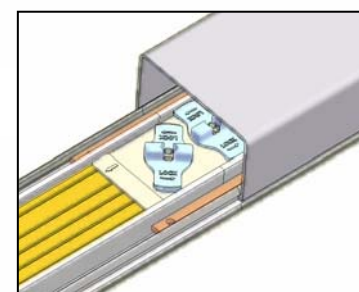
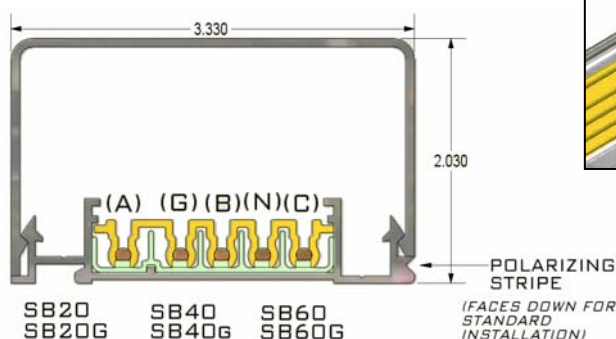
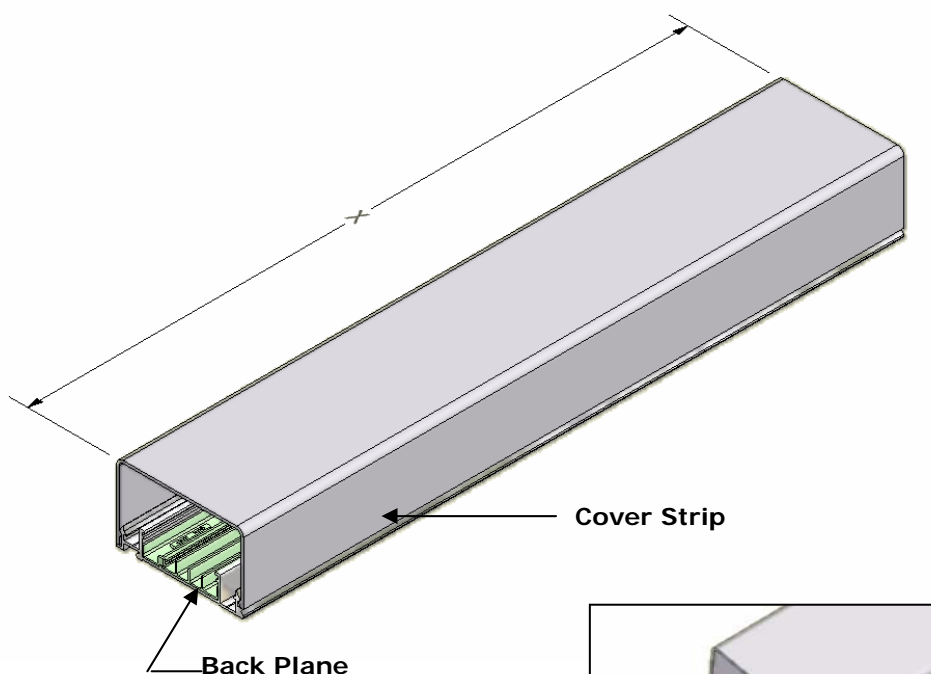
HOUSING SECTION

Each Plug-In Raceway housing section consists of an extruded aluminum backplane with an insulated strip containing copper busbars. The aluminum extrusion acts as a 100% ground path. Each housing section is enclosed by means of cover pieces and plug-in modules. Available as 4 pole (3 phase + Neutral), and 4 pole with isolated ground conductor. Rated at 20,40,60 Amp. continuous duty, 240 Volts. Raceway sections are connected together using in-line connectors and housing couplers (page SB.3).

Sections should be supported every 30". Sections can be factory built to any length up to 10 feet.

Standard cover piece is 10", facilitating easy interchange with plug-in modules.

INTENDED FOR INDOOR USE ONLY



Catalog Number Sequence SB(ZZ)(Y)-(X)-(4)

SB(ZZ)(Y)-(X)-(4)
 → System Size
 20, 40, & 60 Amp.
 → Length (ft)
 → No. of Poles
 → Add 'G' for
 Isolated Ground

Catalog Number Sequence SB-CS-(X)-(C)

SB-CS-(X)-(C)
 → Cover Strip
 → Length
 → Color
 → SB for power only

Catalog Number Examples

Catalog No.	Description	Length	Weight
SB20-5-4	20 Amp, 4-Pole	5 ft	3.5 lb
SB20G-10-4	20 Amp, 4-Pole, w/gnd	10 ft	8.0 lb
SB40-5-4	40 Amp, 4-Pole	5 ft	3.5 lb
SB40G-10-4	40 Amp, 4-Pole, w/gnd	10 ft	7.0 lb
SB60-5-4	60 Amp, 4-Pole	5 ft	4.5 lb
SB60G-10-4	60 Amp, 4-Pole, w/gnd	10 ft	8.0 lb
SB-CS-010-W	Cover Strip, white	10 in	.60 lb
SB-CS-015-W	Cover Strip, white	15 in	1.0 lb
SB-CS-5-IS	Cover Strip, Silver	5 in	3.0 lb

Plug-In Raceway – Power 20, 40, 60 Amp



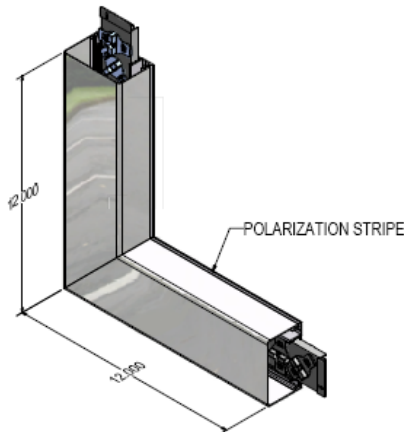
ELBOW SECTIONS

Elbow Section

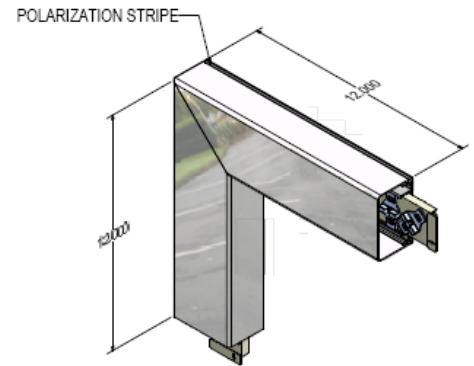
An elbow is used for making a horizontal or vertical 90 degree change of direction in a raceway run. Specify internal or external for horizontal elbows and up or down for vertical.

Elbows work with all ampere ratings – 20, 40 and 60 amp; Elbows are 5 pole for use on systems with and without the ground bus.

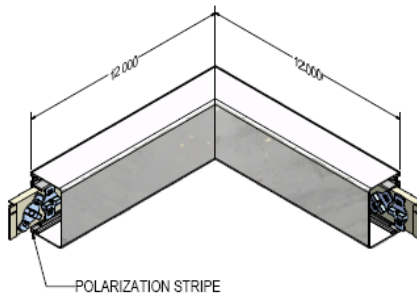
All elbows have a 12 inch x 12 inch outside foot print. Elbows are designed to be field-cut for jobsite fitting to as-built construction.



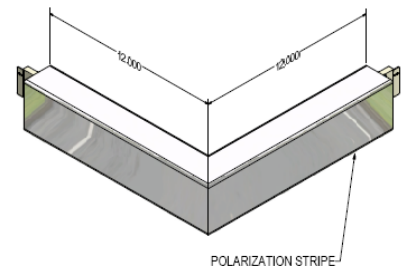
**Down Turning
Vertical Elbow**



**Up Turning
Vertical Elbow**

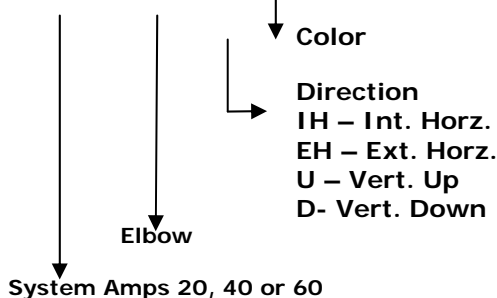


**Internal
Horizontal Elbow**



**External
Horizontal Elbow**

Catalog Number Sequence SB(X)EL-(D)-(Y)



Catalog Number Selection

Catalog No.	Description	Weight
SB(X)EL-IH-Y	Internal Horizontal Elbow	3.25 lbs
SB(X)EL-EH-Y	External Horizontal Elbow	3.25 lbs
SB(X)EL-U-Y	Up-Turning Vertical Elbow	2.75 lbs
SB(X)EL-D-Y	Down-Turning Vertical Elbow	2.75 lbs

Plug-In Raceway – Power 20, 40, 60 Amp



UNIVERSAL END FEED UNIT

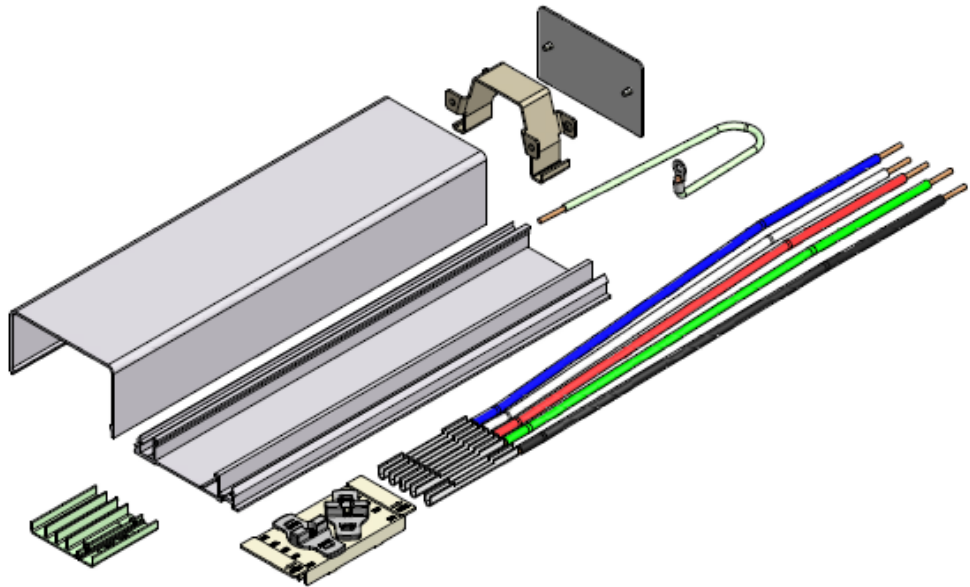
Universal End Feed Unit

Provide an inconspicuous and fully customizable means for connecting power to the raceway busbars at the end of a run. Kit consists of a one foot section of raceway, connector, wire leads and end cap.

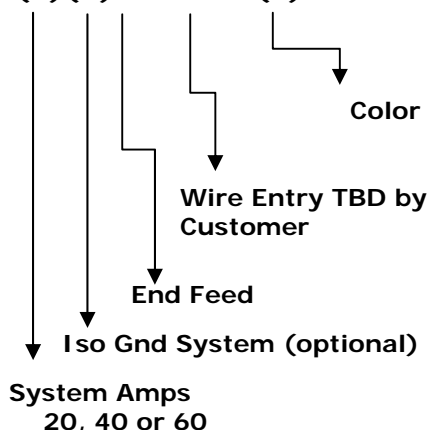
Providing components unassembled allows installers to field customize as required. Installer can configure for left hand, right hand, top or rear wire entry points. See illustration.

End feeds work with all ampere ratings – 20, 40 and 60 amp.

INTENDED FOR INDOOR USE ONLY



Catalog Number Sequence SB(X)(G)EF-UNIV-(Y)



Catalog Number Selection

Catalog No.	Description
SB20EF-UNIV-(Y)	End Feed – Universal, 20 amps
SB40EF-UNIV-(Y)	End Feed – Universal, 40 amps
SB60EF-UNIV-(Y)	End Feed – Universal, 60 amps
SB20GEF-UNIV-(Y)	End Feed – Universal, 20 amps, Iso. Gnd.
SB40GEF-UNIV-(Y)	End Feed – Universal, 40 amps, Iso. Gnd.
SB60GEF-UNIV-(Y)	End Feed – Universal, 60 amps, Iso. Gnd.

Plug-In Raceway – Power 20, 40, 60 Amp



UNIVERSAL CENTER FEED UNIT

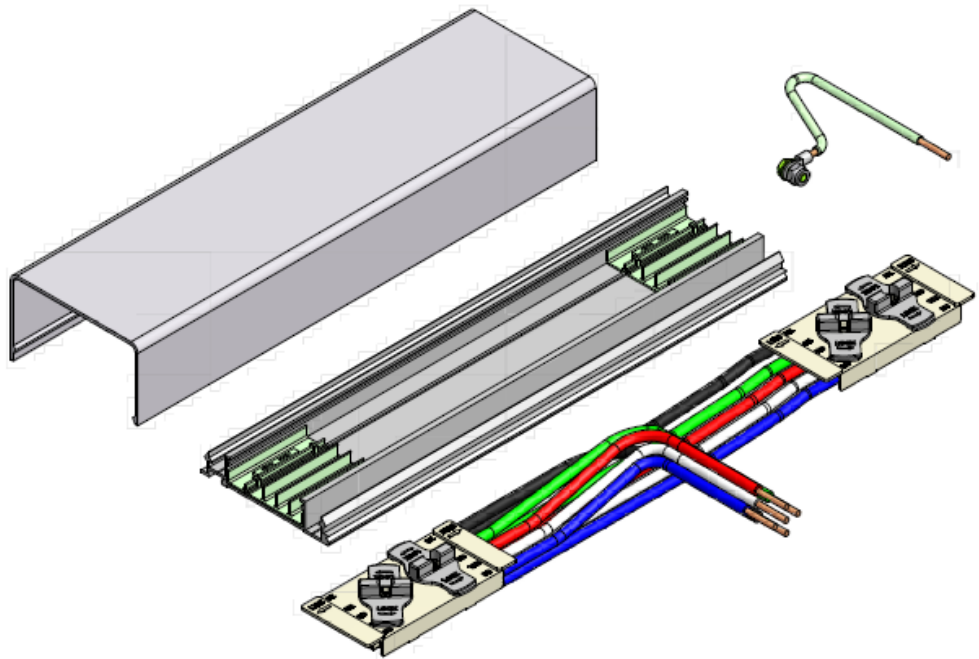
Universal Center Feed Unit

Provides an inconspicuous means for connecting power to the raceway busbars in the center of a run. Kit consists of a one foot section of raceway, connector and wire leads.

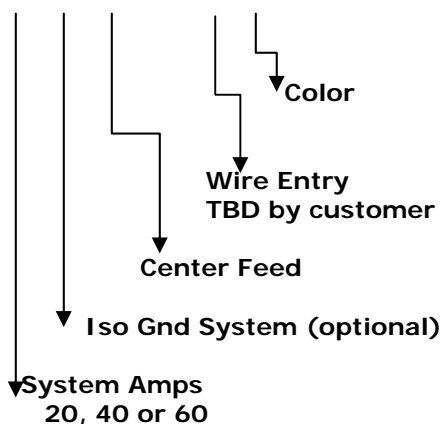
Providing components unassembled allows installers to field customize as required. Installer can configure for top, bottom or rear wire entry points. See illustration.

Center feeds work with all ampere ratings – 20, 40 and 60 amp.

INTENDED FOR INDOOR USE ONLY



Catalog Number Sequence SB(X)(G)CF-UNIV-(Y)



Catalog Number Selection

Catalog No.	Description
SB20CF-UNIV-(Y)	Center Feed – Universal, 20amps
SB40CF-UNIV-(Y)	Center Feed – Universal, 40amps
SB60CF-UNIV-(Y)	Center Feed – Universal, 60amps
SB20GCF-UNIV-(Y)	Center Feed – Universal, 20amps, Iso. Gnd.
SB40GCF-UNIV-(Y)	Center Feed – Universal, 40amps, Iso. Gnd.
SB60GCF-UNIV-(Y)	Center Feed – Universal, 60amps, Iso. Gnd.

Plug-In Raceway - Power 20, 40, 60 Amp



JOINERS, END CAPS

Joiner Kit

Serves to make electrical and mechanical connections between raceway sections. Consists of an in-line connector, two housing coupler bars and a 10" piece of blank cover to enclose the joint.

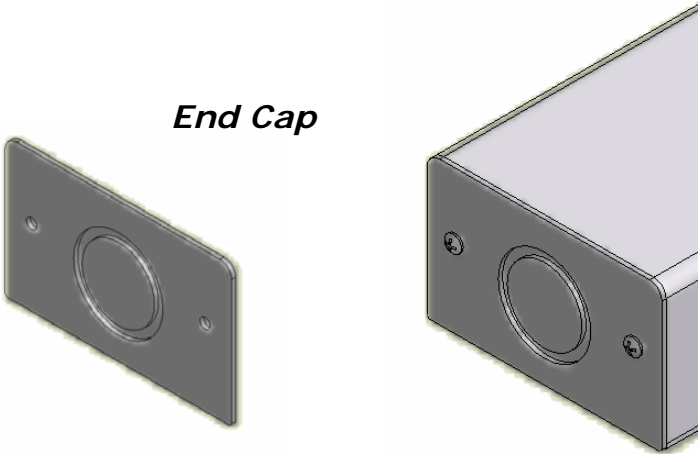
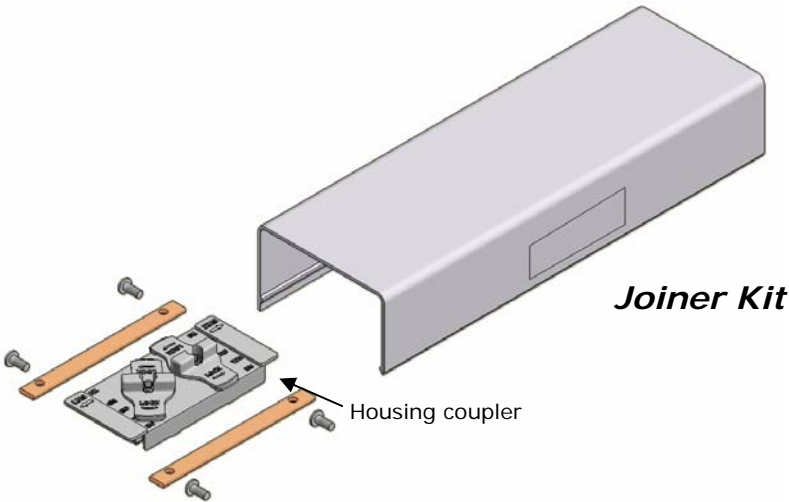
The electrical in-line connector presses and locks into place between adjoining sections; the housing couplers are positioned then screwed to the backplane, making the mechanical and equipment ground connections.

Joiners are 5 pole for use on systems with and without the ground bus.

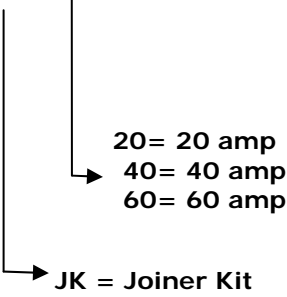
End Cap

Used for covering and securing open ends of the raceway.

INTENDED FOR INDOOR USE ONLY



Catalog Number Sequence
SBJK-(XX)



Catalog Number Selection

Catalog No.	Connector Type	Weight
SBJK-20	In-Line, 20-amp	0.3 lb
SBJK-40	In-Line, 40-amp	0.3 lb
SBJK-60	In-Line, 60-amp	0.4 lb
SBEC-W	End Cap, White	0.2 lb
SBEC-IS	End Cap, silver	0.2 lb

Plug-In Raceway - Power 20, 40, 60 Amp



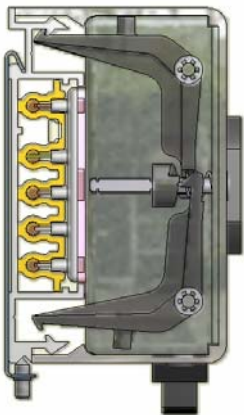
WALL MOUNT CLIP

Wall Mount Clip

Sections of Plug-In Raceway may be mounted by means of wall mount clips. Use of the wall mount clips can dramatically speed the system installation time compared to direct wall mounting.

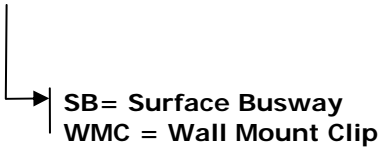
The clip is installed by inserting two flat head screws through the clip and into the support point on the wall. The Plug-In Raceway pivots into the hook and is secured with a set screw.

Wall mount clip
SBWMC



SBWMC INSTALLED

Catalog Number Sequence
SBWMC



Catalog Number Selection

Catalog No.	Connector Type	Weight
SBWMC	Wall mount clip	0.10 lb



STARLINE
PLUG-IN RACEWAY

Page PR.8

Plug-In Raceway - Power 20, 40, 60 Amp

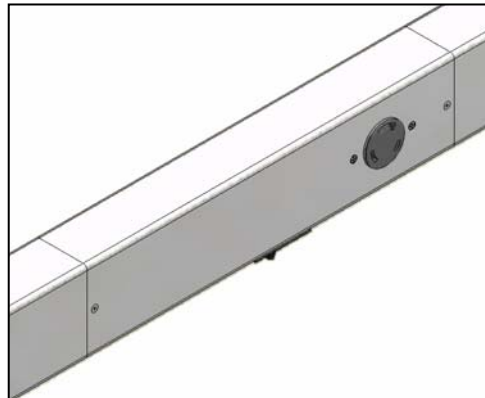


PLUG-IN MODULE – E32

Plug-in modules are used to tap off power from along the raceway busbars. Modules are factory assembled and include the cover, a plug head, and mounting cams. The Module is inserted into the raceway backplane until the mounting cams snap into place. Modules are easily removed by disengaging the cams with an allen key. The E32 style modules are 15" long, and exactly match the raceway system profile.

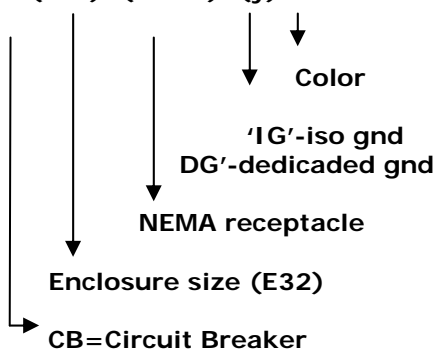
Standard modules are fully configured with receptacle and circuit breaker. A variety of receptacle and breaker combinations are available in the E32 size, with ratings up to 30 amps, 240Vac, single phase. Optional isolated ground. Units without circuit breaker may be used on 20 amp raceway systems.

INTENDED FOR INDOOR USE ONLY



Plug-in module installed on the raceway

Catalog Number Sequence
SBCB(xxx)-(nema)-(y)-z



Catalog Number Selection

Catalog Number	Description	Weight
SBCBE32-L620-IS	2P cb, L6-20R, recept, silver	3.3 lb
SBCBE32-L620-IG-W	2P cb, L6-20R, rec., iso gnd, white	3.3 lb
SBCBE32-L630-IS	2P cb, L6-30R, rec, silver	3.3 lb
SBCBE32-L630-DG-W	2P cb, L6-30R, rec, ded. Gnd, white	3.3 lb

Plug-In Raceway - Power 20, 40, 60 Amp

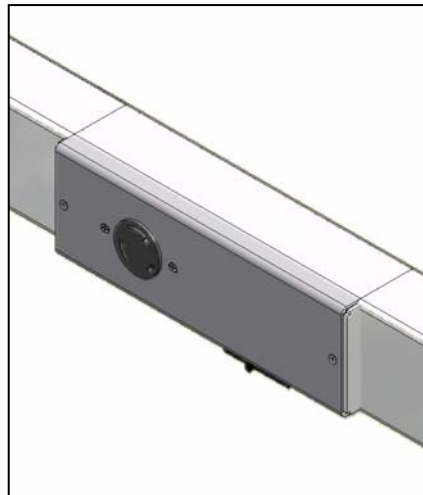
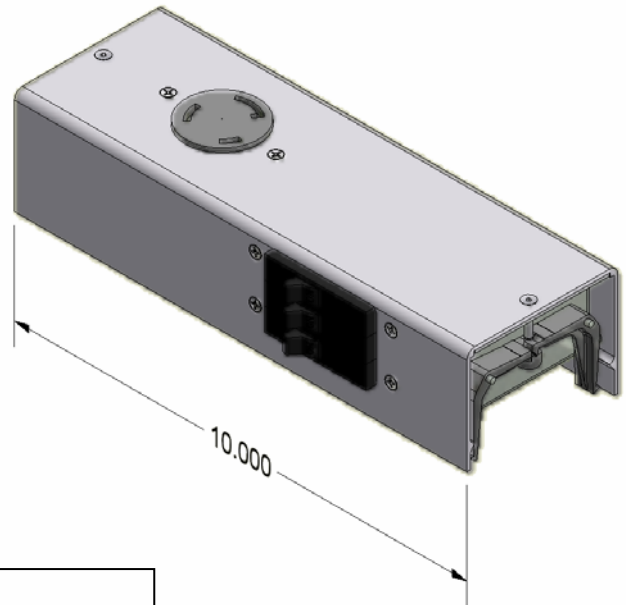


PLUG-IN MODULE – E33

Plug-in modules are used to tap off power from along the raceway busbars. Modules are factory assembled and include the enclosure, a plug head, and mounting cams. The Module is inserted into the raceway backplane until the mounting cams snap into place. Modules are easily removed by disengaging the cams with an allen key. The E33 style modules are 10" long, and are 1/2" higher than the raceway system profile.

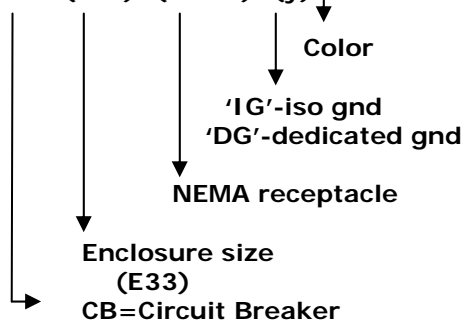
Standard modules are fully configured with receptacle and circuit breaker. A variety of receptacle and breaker combinations are available in the E33 size, with ratings up to 30 amps, 240Vac, three phase. Optional isolated ground. Units without circuit breaker may be used on 20 amp raceway systems.

INTENDED FOR INDOOR USE ONLY



Plug-in module installed on the Raceway

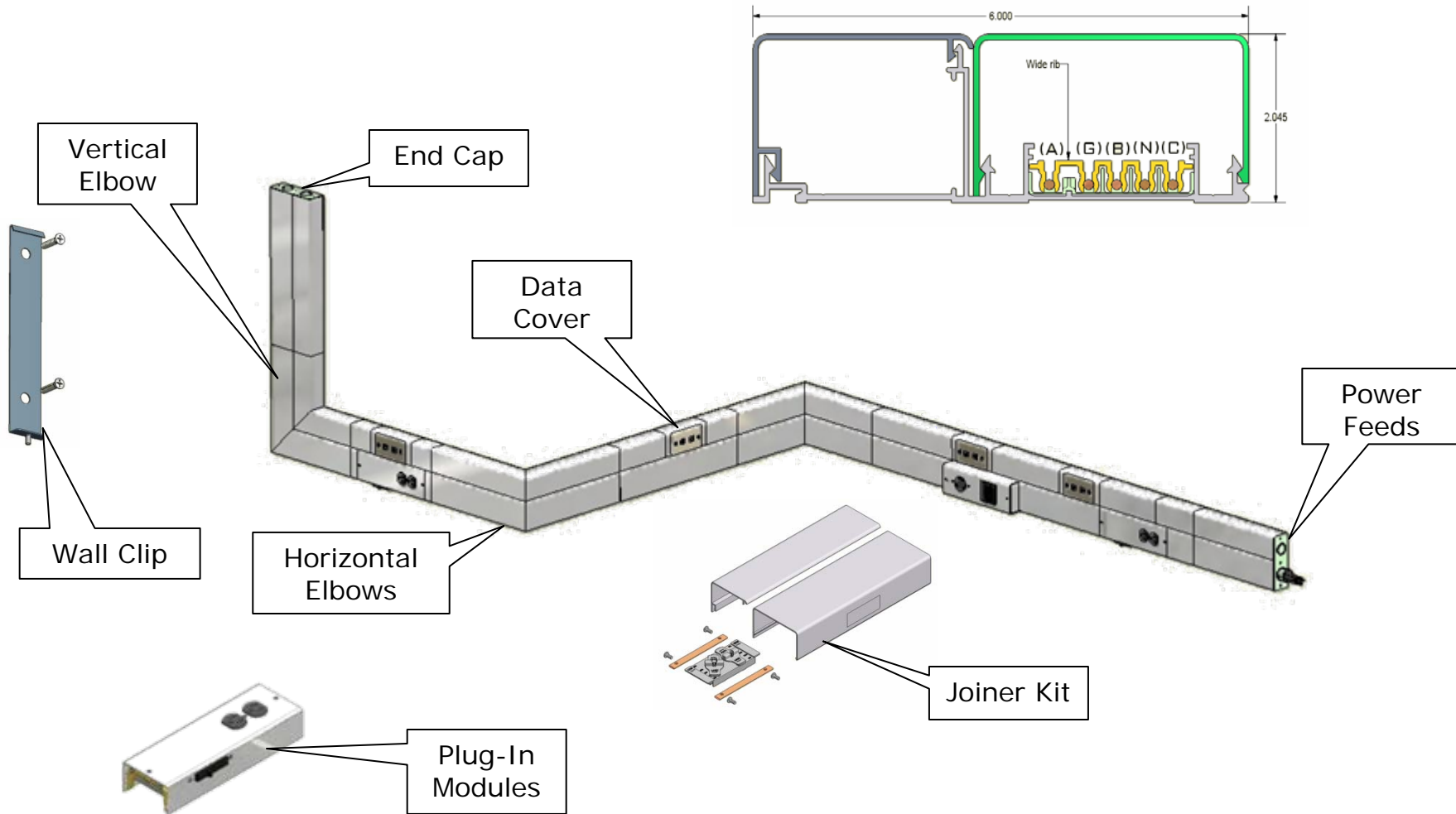
Catalog Number Sequence
SBCB(xxx)–(nema)–(y)–z



Catalog Number Selection

Catalog Number	Description	Weight
SBE33-L2120-IG-W	3p CB, L2120R rec, iso gnd, white	3.3 lb
SBCBE33-L2120-IS	3p CB, L2120R, rec, silver	3.3 lb
SBCBE33-L2130-DG-W	3p CB, L2130R, rec, ded. gnd. white	3.3 lb
SBCBE33-L2130-IS	3p CB, L2130R, rec, silver	3.3 lb

Plug-In Raceway – Power & Data



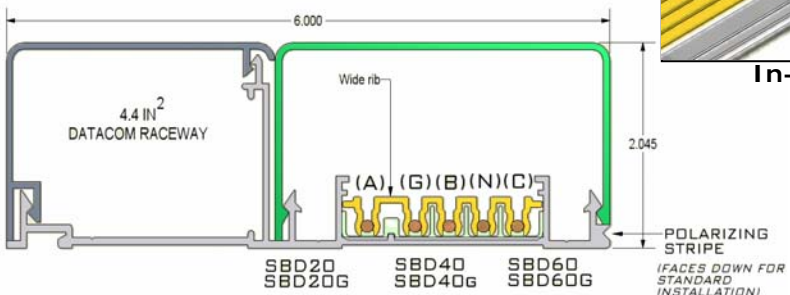
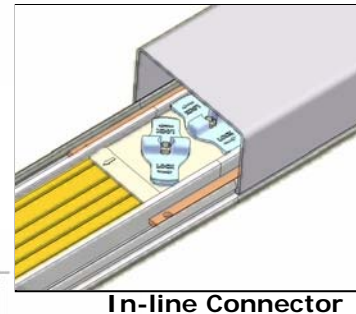
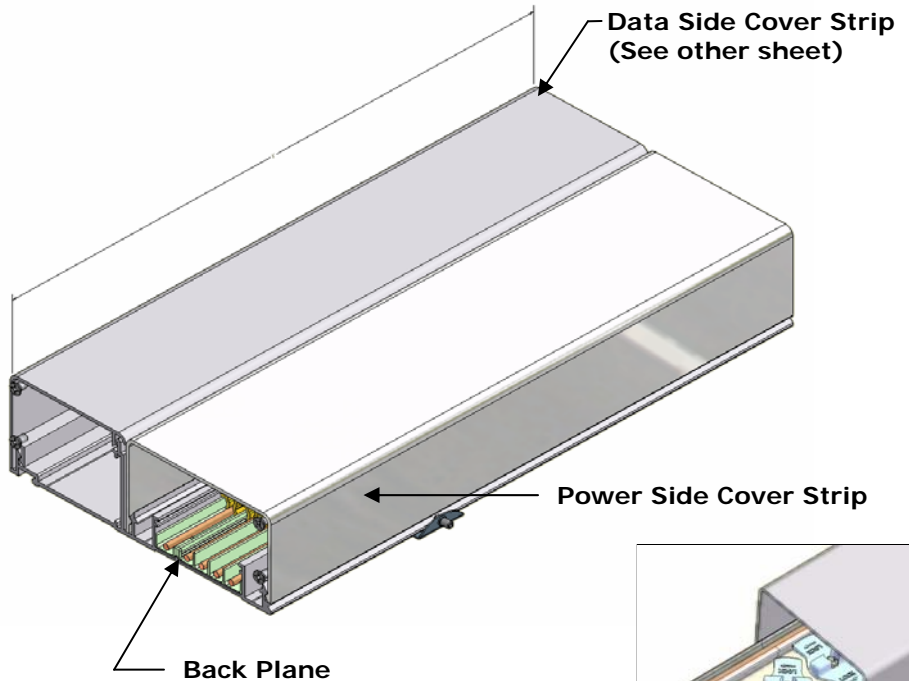
Plug-In Raceway – Power & Data 20, 40, 60 Amp



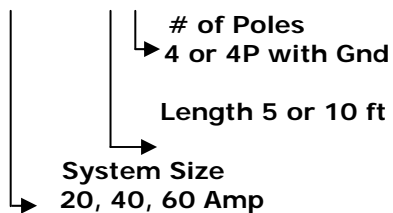
RACEWAY SECTIONS

Each Plug-In Raceway section consists of a two-channel extruded aluminum housing. The power channel contains an insulated strip with copper busbars. The aluminum extrusion acts as a 100% ground path. The data channel provides a raceway for datacom cabling.

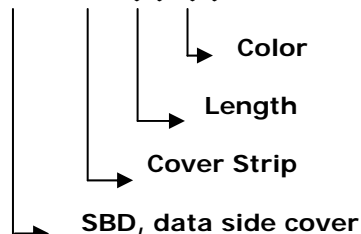
Each raceway section is enclosed by means of cover pieces and plug-in modules. Power available as 4 pole (3 phase + Neutral) and 4 pole with isolated ground conductor. Rated at 20,40,60 amp continuous duty, 240 volts. Raceway sections are connected together using in-line connectors and housing couplers (page SBD.3). Sections should be supported every 30" max and can be factory built any length up to 10 ft.



Catalog Number Sequence SBD(YY)-(X)-(L)



Catalog Number Sequence SBD-CS-(X)-(C)



Catalog Number Examples

Catalog No.	Description	Length	Weight
SBD20-5-4	20 Amp, 4-Pole	5 ft	3.5 lb
SBD20G-10-4	20 Amp, 4-Pole, w/gnd	10 ft	8.0 lb
SBD40-5-4	40 Amp, 4-Pole	5 ft	3.5 lb
SBD40G-10-4	40 Amp, 4-Pole, w/gnd	10 ft	7.0 lb
SBD60-5-4	60 Amp, 4-Pole	5 ft	4.5 lb
SBD60G-10-4	60 Amp, 4-Pole, w/gnd	10 ft	8.0 lb

Plug-In Raceway – Power & Data 20, 40, 60 Amp

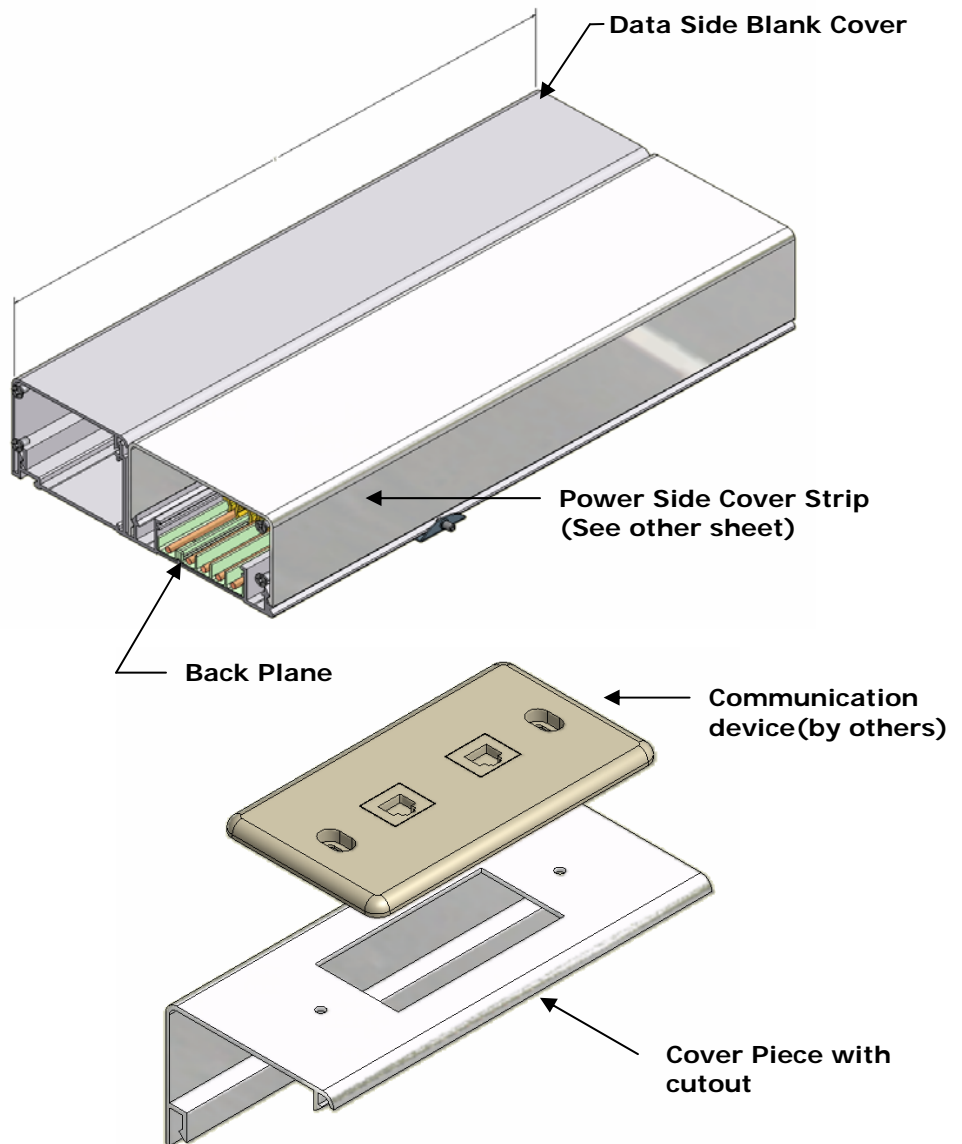


DATA OUTLET COVER PIECES

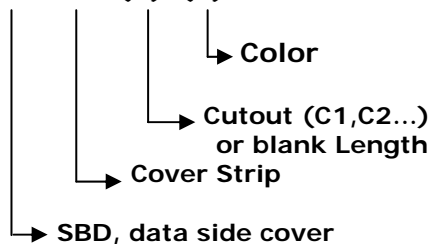
Each raceway section is enclosed by means of cover pieces and plug-in modules. Power available as 4 pole (3 phase + Neutral) and 4 pole with isolated ground conductor. Rated at 20,40,60 amp continuous duty, 240 volts. Raceway sections are connected together using in-line connectors and housing couplers (page SBD.3). Sections are supported every 5 ft. max and can be factory built any length up to 10 ft.

Cover pieces for data outlets are provided with a rectangular cutout sized for the target communication device. Custom cutout can be provided for any desired device. When ordering, specify device which is supplied by others.

INTENDED FOR INDOOR USE ONLY



Catalog Number Sequence SBD-CS-(X)-(C)



Catalog Number Examples

Catalog No.	Description	Length	Weight
SBD-CS-010-W	Cover strip Data, white	10"	.50 lb
SBD-CS-5-W	Cover strip Data, white	5 ft	1.0 lb
SBD-CS-015-IS	Cover strip Data, silver	10"	.85 lb
SBD-CS-C1-IS	Data Outlet type C1, silver	10"	.50 lb
SBD-CS-C1-W	Data Outlet type C1, white	10"	.50 lb

Plug-In Raceway – Power & Data 20, 40, 60 Amp



ELBOW SECTION

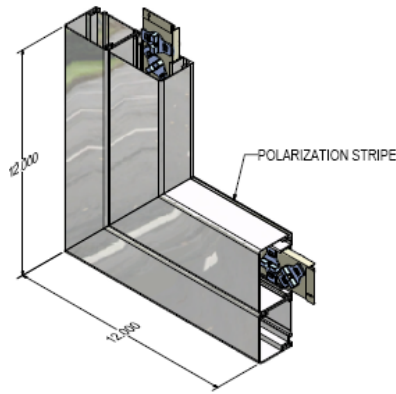
Elbow Section

An elbow is used for making a horizontal or vertical 90 degree change of direction in a raceway run. Specify internal or external for horizontal elbows and up or down for vertical.

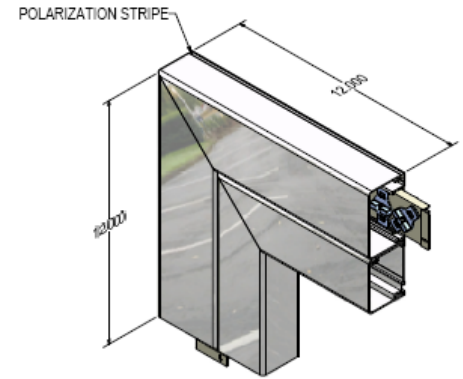
Elbows work with all ampere ratings – 20, 40 and 60 amp; elbows are 5 pole for use on systems with and without the ground bus.

All elbows have a 12 inch x 12 inch outside footprint. Elbows are designed to be field-cut for jobsite fitting to as-built construction.

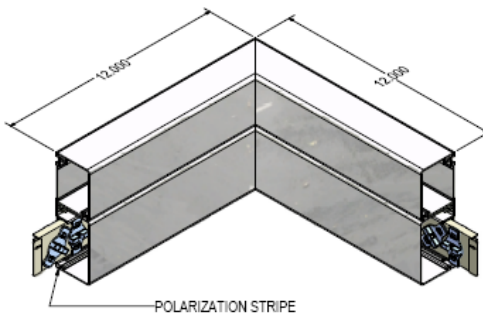
INTENDED FOR INDOOR USE ONLY



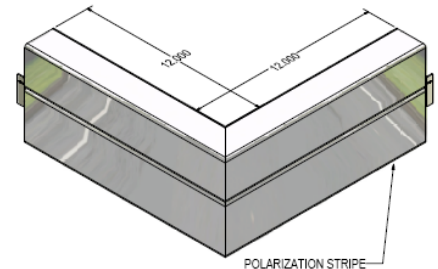
Down Turning
Vertical Elbow



Up Turning
Vertical Elbow

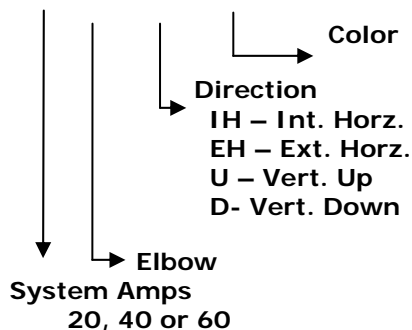


Internal
Horizontal Elbow



External
Horizontal Elbow

Catalog Number Sequence SB(X)DEL-(D)-(Y)



Catalog Number Selection

Catalog No.	Description	Weight
SBD(X)EL-IH-Y	Internal Horizontal Elbow	4.85 lbs
SBD(X)EL-EH-Y	External Horizontal Elbow	4.85 lbs
SBD(X)EL-U-Y	Up-Turning Vertical Elbow	4.85 lbs
SBD(X)EL-D-Y	Down-Turning Vertical Elbow	4.85 lbs

Plug-In Raceway – Power & Data

20, 40, 60 Amp



UNIVERSAL END FEED UNIT

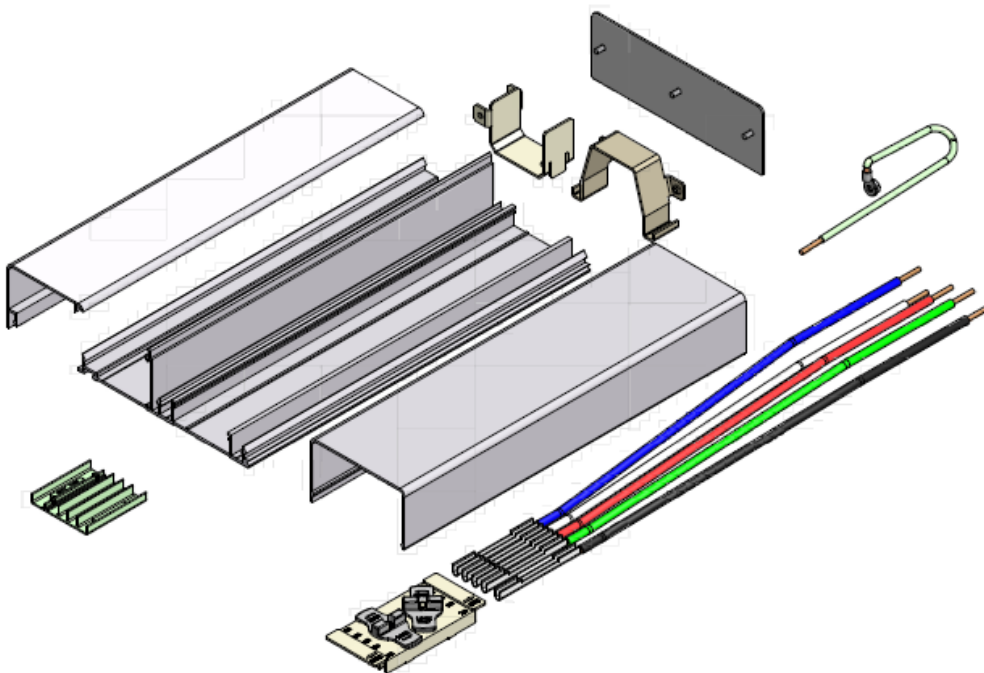
Universal End Feed Unit

Provide an inconspicuous and fully customizable means for connecting power to the raceway busbars at the end of a run. Kit consists of a one foot section of raceway, connector, wire leads and end cap.

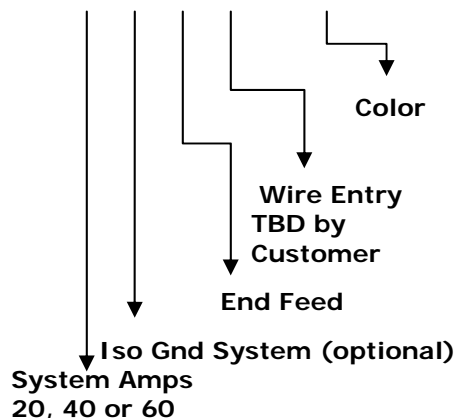
Providing components unassembled allows installers to field customize as required. Installer can configure for left hand, right hand, top or rear wire entry points. See illustration.

End feeds work with all ampere ratings – 20, 40 and 60 amp.

INTENDED FOR INDOOR USE ONLY



Catalog Number Sequence SBD(X)(G)EF-UNIV-(Y)



Catalog Number Selection

Catalog No.	Description
SBD20EF-UNIV-(Y)	End Feed – Universal, 20 amps
SBD40EF-UNIV-(Y)	End Feed – Universal, 40 amps
SBD60EF-UNIV-(Y)	End Feed – Universal, 60 amps
SBD20GEF-UNIV-(Y)	End Feed – Universal, 20 amps, Iso. Gnd.
SBD40GEF-UNIV-(Y)	End Feed – Universal, 40 amps, Iso. Gnd.
SBD60GEF-UNIV-(Y)	End Feed – Universal, 60 amps, Iso. Gnd.

Plug-In Raceway – Power & Data

20, 40, 60 Amp



UNIVERSAL CENTER FEED UNIT

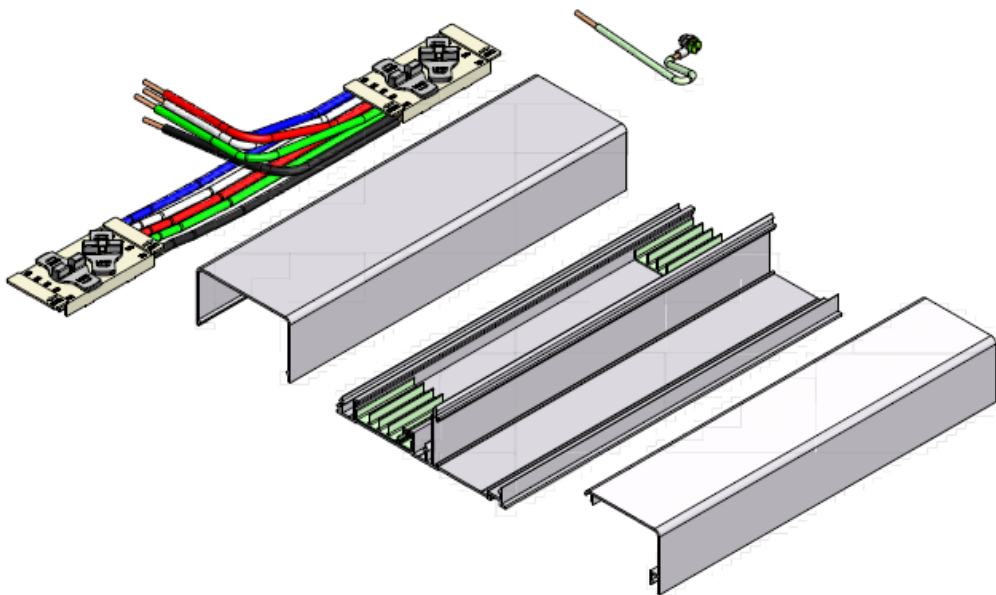
Universal Center Feed Unit

Provides an inconspicuous means for connecting power to the raceway busbars in the center of a run. Kit consists of a one foot section of raceway, connector and wire leads.

Providing components unassembled allows installers to field customize as required. Installer can configure for top, bottom or rear wire entry points. See illustration.

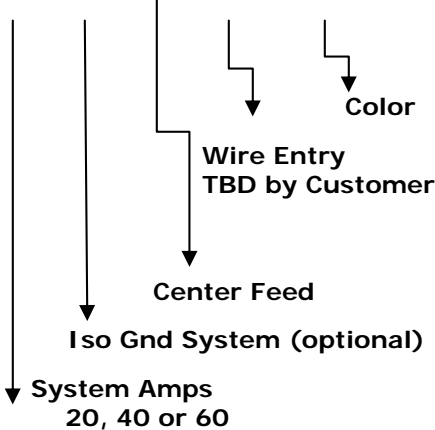
Center feeds work with all ampere ratings – 20, 40 and 60 amp.

INTENDED FOR INDOOR USE ONLY



Catalog Number Sequence

SBD(X)(G)CF-UNIV-(Y)



Catalog Number Selection

Catalog No.	Description
SBD20CF-UNIV-(Y)	Center Feed – Universal, 20amps
SBD40CF-UNIV-(Y)	Center Feed – Universal, 40amps
SBD60CF-UNIV-(Y)	Center Feed – Universal, 60amps
SBD20GCF-UNIV-(Y)	Center Feed – Universal, 20amps, Iso. Gnd.
SBD40GCF-UNIV-(Y)	Center Feed – Universal, 40amps, Iso. Gnd.
SBD60GCF-UNIV-(Y)	Center Feed – Universal, 60amps, Iso. Gnd.

Plug-In Raceway - Power & Data

20, 40, 60 Amp



JOINER KIT, END CAP

Joiner Kit

Serves to make electrical and mechanical connections between raceway sections. Consists of an in-line connector, two housing coupler bars and 10" piece of blank cover to enclose the joint.

The electrical in-line connector presses and locks into place between adjoining sections; the housing couplers are positioned then screwed to the backplane, making the mechanical and equipment ground connections.

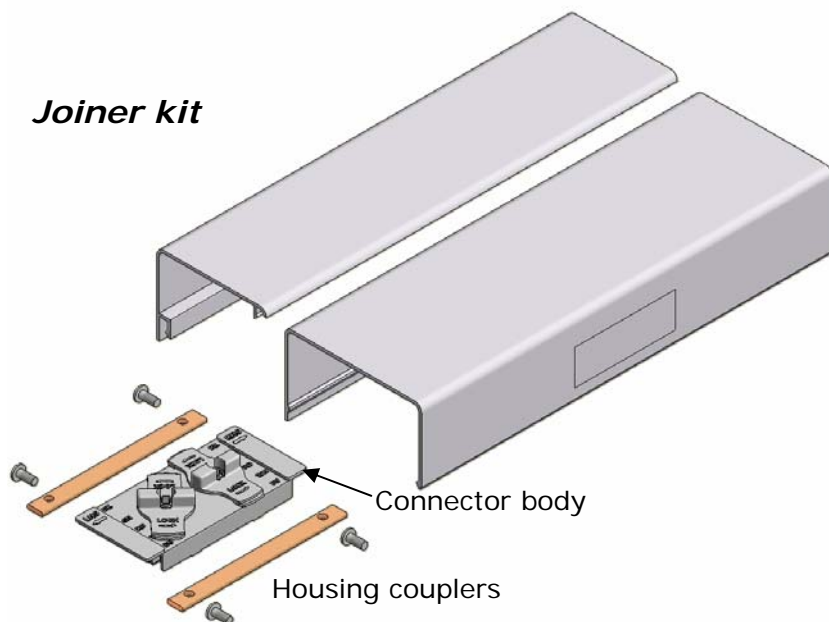
Joiners are 5 pole for use on systems with and without the ground bus.

End Cap

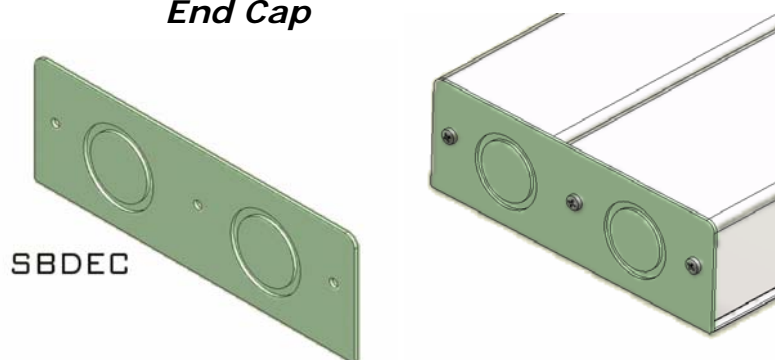
Used for covering and securing open ends of the raceway. Provides conduit knockout for optional datacom cable entry.

INTENDED FOR INDOOR USE ONLY

Joiner kit



End Cap



Catalog Number Sequence SBDJK-(XX)

20= 20 amp
40= 40 amp
60= 60 amp

JK = Joiner Kit

Catalog Number Selection

Catalog No.	Connector Type	Weight
SBDJK-20	In-Line, 20-amp	0.3 lb
SBDJK-40	In-Line, 40-amp	0.3 lb
SBDJK-60	In-Line, 60-amp	0.4 lb
SBDEC-W	End Cap, White	0.2 lb
SBDEC-IS	End Cap, silver	0.2 lb

Plug-In Raceway – Power & Data

20, 40, 60 Amp

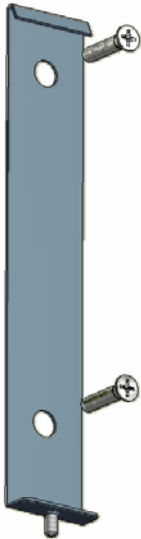


BRACKETED WALL MOUNT

Wall Mount Clip

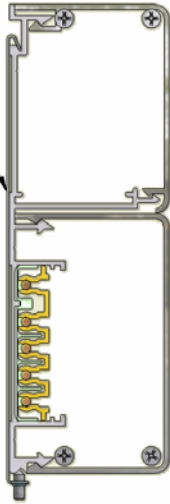
Sections of Plug-In Raceway may be mounted by means of wall mount clips. Use of the wall mount clips can dramatically speed the system installation time compared to direct wall mounting.

The clip is installed by inserting flat head screws through the clip and into the support point on the wall. The Plug-In Raceway pivots into the hook and is secured with a set screw.



SBDWMC
Wall mount clip

SBDWMC INSTALLED



Catalog Number Sequence

SBDWMC

→ **SBD**= Surface Busway Dual
WMC = Wall Mount Clip

Catalog Number Selection

Catalog No.	Connector Type	Weight
SBDWMC	Wall mount clip	0.10 lb