

# SignalSafe™ IEC Power Cords

## Maintain Signal Integrity - Insist on SignalSafe™ Technology



**SignalSafe™ Design**

incorporates tightly twisted conductors to virtually eliminate AC magnetic fields

Unwanted AC magnetic fields can infiltrate the signal path & cause problems in your installed systems. Power cords under load, especially long ones, are sources of AC magnetic fields. To minimize these effects in your systems, look for the stripe that identifies the SignalSafe technology. SignalSafe power cords feature tightly twisted conductors to reduce the effects of AC magnetic fields.

### 4 key benefits:

1. Minimize AC magnetic interference: SignalSafe wiring cuts magnetic field strength by more than 80% over standard rubber power cords – now power and signal wiring paths can be closer than ever without interference
2. Neater installations: SignalSafe cords come in 6 lengths from 6" to 48". Eliminating excess cable length improves cable management, appearance, and assists cooling airflow
3. More plug style options: Choose from straight plugs, or right or left angled, whatever meets your needs best.
4. Color coded: Standard SignalSafe cords are identified with a bold blue stripe. New contrasting red stripe option can help you identify separate circuits.

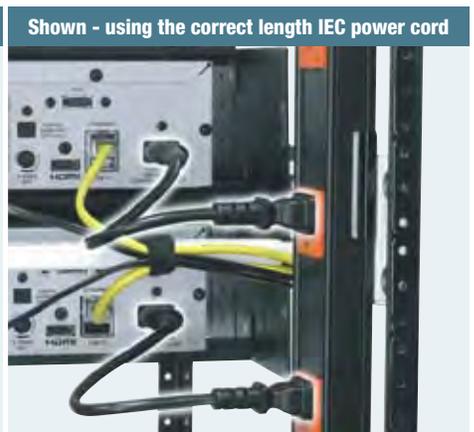


**Insist on the stripe for signal Integrity!**

**Angled plugs available**

left      right

also available in red stripe for circuit separation



6" Length Part # **	12" Length Part # **	18" Length Part # **	24" Length Part # **	36" Length Part # **	48" Length Part # **	Plug Type	Cord Stripe color	Wire Gauge	Qty.
IEC-6X4	IEC-12X4	IEC-18X4	IEC-24X4	IEC-36X4	-	Straight	Blue	14	4
IEC-6X20	IEC-12X20	IEC-18X20	IEC-24X20	IEC-36X20	IEC-48X20	Straight	Blue	14	20
IEC-6X20-RED	IEC-12X20-RED	IEC-18X20-RED	IEC-24X20-RED	IEC-36X20-RED	IEC-48X20-RED	Straight	Red	14	20
IEC-6X100	IEC-12X100	IEC-18X100	IEC-24X100	IEC-36X100	IEC-48X100	Straight	Blue	14	100
IEC-6X20-90L	IEC-12X20-90L	IEC-18X20-90L	IEC-24X20-90L	IEC-36X20-90L	IEC-48X20-90L	Low-Profile Left Hand	Blue	14	20
IEC-6X20-90R	IEC-12X20-90R	IEC-18X20-90R	IEC-24X20-90R	IEC-36X20-90R	IEC-48X20-90R	Low-Profile Right Hand	Blue	14	20
IEC-6X20SC*	IEC-12X20SC*	IEC-18X20SC*	IEC-24X20SC*	IEC-36X20SC*	IEC-48X20SC*	Straight	Blue	18	20

\* Denotes cable/satellite cord. \*\* Length refers to the cord only, and does not include the connectors.

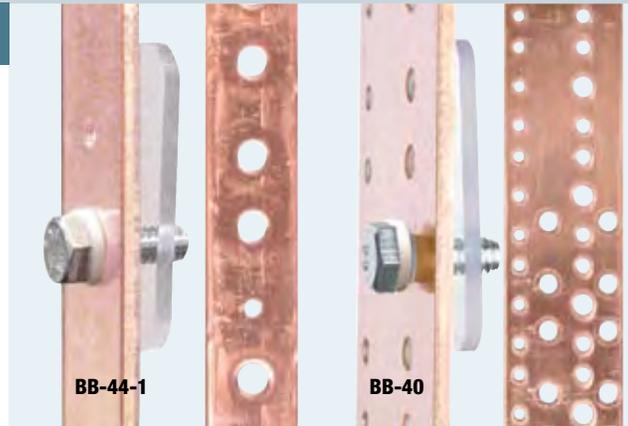


# Grounding and Bonding Accessories

## Copper Buss Bars

Copper buss bars are 1/8" thick and threaded 10-32. Various heights and widths available. Supplied mounting hardware includes nylon isolation washers, bolts and nuts.

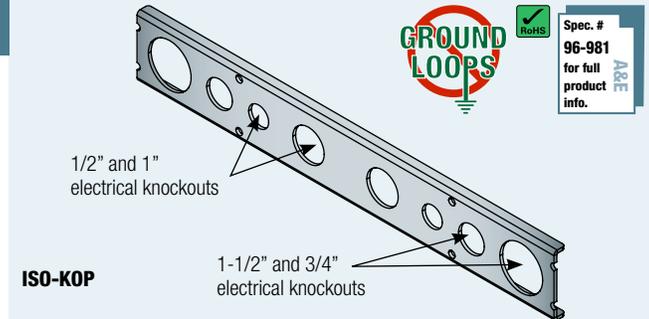
Part #	Racking Height	Width	Qty
BB-5254-1	79"	1"	1 bar
BB-44-1	77" (44 space)	1"	1 bar
BB-40	70" (40 space)	2"	1 bar
BB-12	21" (12 space)	2"	1 bar



## Electrical Isolation Knockout Panel

The Electrical Isolation Knockout Panel is ideal for installations that require electrical conduit to be isolated from the enclosure. Replaces the standard rear electrical knockout plates. Constructed from 1/8" thick non-conductive polycarbonate. Hardware included.

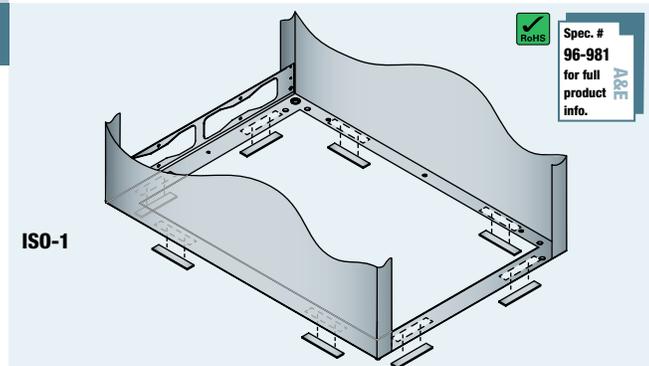
Part #	Fits
ISO-KOP	top or bottom of MRK, WRK, DRK, ERK and SCRK Series enclosures; bottom of 60° SC and SCQ Series consoles



## Rack Ground Isolation Kit

Isolate the rack from conductive flooring materials when installing in an isolated (technical) ground environment. The Rack Ground Isolation Kit consists of eight 4" long strips of 1/8" thick non-conductive polycarbonate which are attached to the rack base with included self adhesive tape and prevent floor contact.

Part #
ISO-1



## Leveling Feet

Adjustable leveling feet fit all Middle Atlantic Products floor standing steel racks and enclosures (excludes VRK and BGR Series). Isolation Leveling Feet feature protective rubber cover to isolate racks from the floor. Flat-blade and hex drive allows for adjustment. Also used with caster bases for MRK, WRK and DRK Series racks. Set of four. NOTE: Raises enclosure from 1/8" to 1" off floor

Part #	Description
LF	leveling feet
LF-ISO	isolation leveling feet



## Spike: Bonding/Ganging Hardware

- Eliminate bonding wires run between racks, while providing lowest impedance ground possible
- Self-piercing at bonding points – no need to remove paint
- Displaces paint without compromising the corrosion protection of the painted surface, eliminating the need for anti-oxidizing protection products required by other bonding methods
- Handy installation tool provided to ensure ease of installation & proper torquing

Part #	Description
BOND-G24	24 sets, 1 installation tool, 4 sets recommended per rack

