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2025 PRODUCT CATALOG

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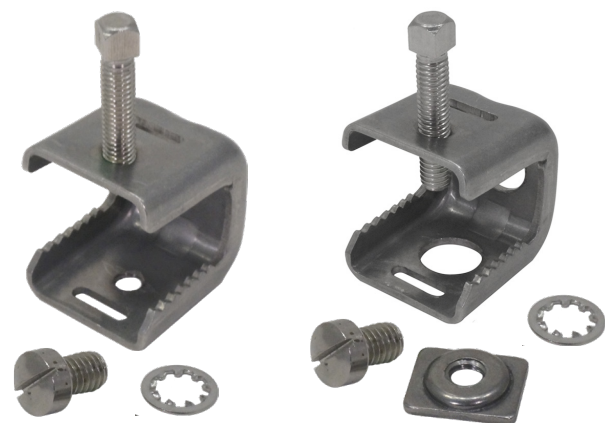
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Angle Adapters



DESCRIPTION

Angle Adapters provide an excellent attachment point to both angle and flat members. Available with 3/8" tapped mounting holes or 3/4" thru holes for snap-ins.

KEY FEATURES

- Available in stainless steel and galvanized
- 3/8" Tapped holes and 3/4" thru holes
- 1" Jaw opening

Stainless Steel Angle Adapters			
PART #	HOLES	MATERIAL	QTY
AAS38	3/8" Tapped Hole	Stainless Steel	1 Pack of 10
AASSI	3/4" Thru Hole (Insert Included)	Stainless Steel	1 Pack of 10
AASS	3/4" Thru Hole	Stainless Steel	1 Pack of 10
AAG38	3/8" Tapped Hole	Galvanized	1 Pack of 10
AAGSI	3/4" Thru Hole (Insert Included)	Galvanized	1 Pack of 10
AAGS	3/4" Thru Hole	Galvanized	1 Pack of 10

3 Way Stand-Off Adapters



DESCRIPTION

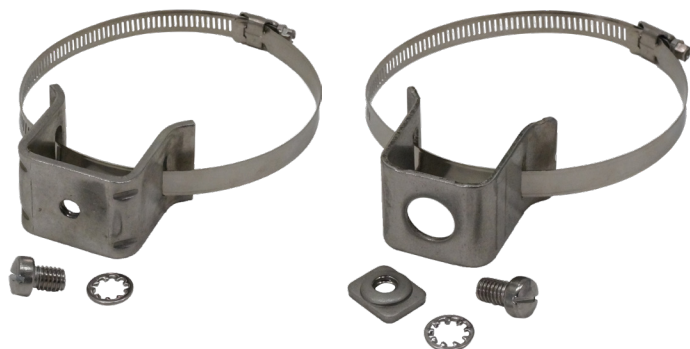
Supports 3 Snap-in Hangers. Available with or without Hose Clamps.

KEY FEATURES

- Can be used with 3/8" mounting hardware, with 1/2" banding or hose clamps
- Manufactured from 304 Stainless Steel

Three Way Stand-Off Adapters		
PART #	DESCRIPTION	QTY
SOS3S	Three Way Stand-Off*	1 Pack of 10
SOS3S1020	Three Way Stand-Off Adapter for 1" – 2"	1 Pack of 10
SOS3S2030	Three Way Stand-Off Adapter for 2" – 3"	1 Pack of 10
SOS3S3050	Three Way Stand-Off Adapter for 3" – 5"	1 Pack of 10
SOS3S5060	Three Way Stand-Off Adapter for 5" – 6"	1 Pack of 10

Stand-Off Adapters



DESCRIPTION

Stand-Off Adapters provide an attachment point to 1" and larger round members. Slotted holes accommodate 1/2" banding or hose clamps.

KEY FEATURES

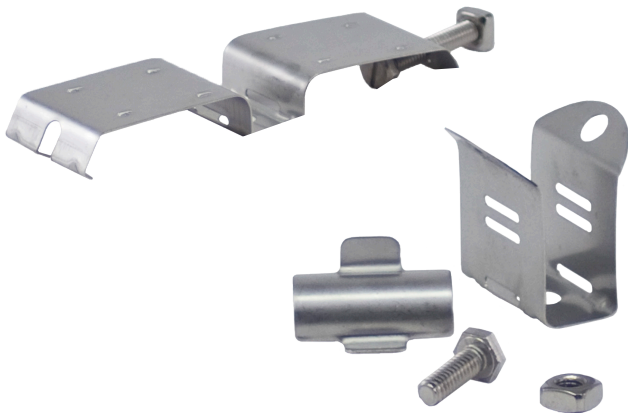
- Available in stainless steel and galvanized
- 3/8" Tapped holes and 3/4" thru holes
- Compatible with 1/2" banding

**Hose clamps not included. See page 8 for hose clamps.*

Stainless Steel Stand-Off Adapters		
PART #	DESCRIPTION	QTY
SOS38	3/8" Tapped Hole*	1 Pack of 10
SOS381020	3/8" Tapped Hole, 1" – 2" OD Members	1 Pack of 10
SOS382030	3/8" Tapped Hole, 2" – 3" OD Members	1 Pack of 10
SOS383050	3/8" Tapped Hole, 3" – 5" OD Members	1 Pack of 10
SOS385060	3/8" Tapped Hole, 5" – 6" OD Members	1 Pack of 10
SOSSI	3/4" Thru Hole (w/insert)*	1 Pack of 10
SOSSI2030	3/4" Thru Hole (w/ insert) 2"- 3" OD Members	1 Pack of 10
SOSSI3050	3/4" Thru Hole (w/ insert) 3"- 5" OD Members	1 Pack of 10
SOSSI5060	3/4" Thru Hole (w/ insert) 5"- 6" OD Members	1 Pack of 10
SOSS	3/4" Thru Hole*	1 Pack of 10
SOSS2030	3/4" Thru Hole, 2" – 3" OD Members	1 Pack of 10
SOSS3050	3/4" Thru Hole, 3" – 5" OD Members	1 Pack of 10
SOSS5060	3/4" Thru Hole, 5" – 6" OD Members	1 Pack of 10



Butterfly Hangers



DESCRIPTION

Butterfly Hangers provide a versatile means of attaching different types of cables to a variety of support members.

KEY FEATURES

- Manufactured from 304 Stainless Steel
- Compatible with corrugated, smooth wall coax and elliptical waveguide
- 3/8" mounting hardware (optional)

Butterfly Hangers		
PART #	DESCRIPTION	QTY
BC3812	3/8" to 1/2" Coaxial Cable	1 Pack of 10
BC3812NH	3/8" to 1/2" Coaxial Cable (no hardware)	1 Pack of 10
BC78	7/8" Coaxial Cable	1 Pack of 10
BC78NH	7/8" Coaxial Cable (no hardware)	1 Pack of 10
BC114	1 1/4" Coaxial Cable	1 Pack of 10
BC114NH	1 1/4" Coaxial Cable (no hardware)	1 Pack of 10
BC158	1 5/8" Coaxial Cable	1 Pack of 10
BC158NH	1 5/8" Coaxial Cable (no hardware)	1 Pack of 10
BC214	2 1/4" Coaxial Cable	1 Pack of 10
BC214NH	2 1/4" Coaxial Cable (no hardware)	1 Pack of 10

Snap-In Hangers



DESCRIPTION

Flexible internal support fingers allow the Snap-In Hangers to be compatible with all brands of coaxial cables.

KEY FEATURES

- Manufactured from 304 Stainless Steel
- Special installation tool not required
- Internal support fingers absorb tower vibration

Snap-In Hangers		
PART #	DESCRIPTION	QTY
SH12	Snap-In Hanger for 1/2" Cable and Hanger Insert	1 Pack of 10
SH58	Snap-In Hanger for 5/8" Cable and Hanger Insert	1 Pack of 10
SH78	Snap-In Hanger for 7/8" Cable and Hanger Insert	1 Pack of 10
SH114	Snap-In Hanger for 1 1/4" Cable and Hanger Insert	1 Pack of 10
SH158	Snap-In Hanger for 1 5/8" Cable and Hanger Insert	1 Pack of 10
SH214	Snap-In Hanger for 2 1/4" Cable and Hanger Insert	1 Pack of 10

Clamp Heads



DESCRIPTION

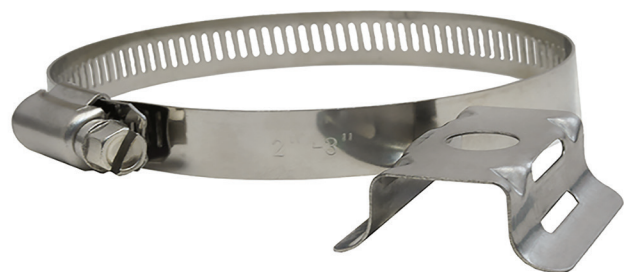
Clamp Heads provide a versatile means to attach a variety of cable support products to round members.

KEY FEATURES

- Compatible with hose clamps and 1/2" banding
- For use with 3/8" and 10mm threaded rod
- Manufactured from 304 Stainless Steel

Clamp Heads		
PART #	DESCRIPTION	QTY
CPHD	Clamp Head	1 Pack of 10

Clamp Head Hose Clamp Assemblies



DESCRIPTION

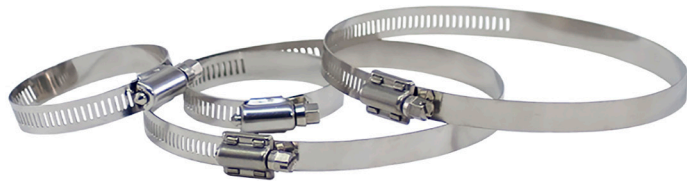
Clamp Head assemblies provide a versatile means to attach a variety of cable support products to round members.

KEY FEATURES

- For use with 3/8" or 10mm threaded rod
- Manufactured from 304 Stainless Steel

Hose Clamp Kits		
PART #	DESCRIPTION	QTY
CPHD1020	Clamp Head With 1"-2" Hose Clamp	1 Pack of 10
CPHD2030	Clamp Head With 2"-3" Hose Clamp	1 Pack of 10
CPHD3050	Clamp Head With 3"-5" Hose Clamp	1 Pack of 10
CPHD5060	Clamp Head With 5"-6" Hose Clamp	1 Pack of 10
CPHD6010	Clamp Head With 6"-10" Hose Clamp	1 Pack of 10
CPHD1016	Clamp Head With 10"-16" Hose Clamp	1 Pack of 10

Hose Clamps



DESCRIPTION

Hose Clamps can be used to attach Stand-Off Adapters, Butterfly Hangers, Cushion Hangers, Angle Adapters and Clamp Heads directly to round members.

KEY FEATURES

- All components manufactured from 304 Stainless Steel
- Other sizes available

Hose Clamp Kits		
PART #	DESCRIPTION	QTY
HCK1020	1"-2" OD Members	1 Pack of 10
HCK2030	2"-3" OD Members	1 Pack of 10
HCK3050	3"-5" OD Members	1 Pack of 10
HCK5060	5"-6" OD Members	1 Pack of 10
HCK6010	6"-10" OD Members	1 Pack of 10
HCK1016	10"-16" OD Members	1 Pack of 10

Cushion Hangers



DESCRIPTION

Cushion Hangers are ideal for supporting coaxial cable and elliptical waveguide.

KEY FEATURES

- Elliptical waveguide sizes available
- Supports multiple runs of cable
- Kit includes hose clamp and clamp head
- Sold in kits of 5

Cushion Hangers			
PART #	HOLES	COAXIAL CABLE SIZE	QTY
CH381	1	3/8"	1 Pack of 5
CH383	3	3/8"	1 Pack of 5
CH389	9	3/8"	1 Pack of 5
CH121	1	1/2"	1 Pack of 5
CH122	2	1/2"	1 Pack of 5
CH123	3	1/2"	1 Pack of 5
CH124	4	1/2"	1 Pack of 5
CH125	5	1/2"	1 Pack of 5
CH781	1	7/8"	1 Pack of 5
CH782	2	7/8"	1 Pack of 5
CH783	3	7/8"	1 Pack of 5
CH784	4	7/8"	1 Pack of 5
CH1141	1	1 1/4"	1 Pack of 5
CH1581	1	1 5/8"	1 Pack of 5
CH2141	1	2 1/4"	1 Pack of 5

Hook & Loop Rolls



DESCRIPTION

Hook and loop rolls are sold in ½" and ¾" widths. Rolls can be cut to desired lengths. Great for wire management and securing fiber optic cables.

Hooks & Loop Rolls			
PART #	WIDTH	LENGTH	QTY
HLBLK1275	½"	75'	1 Roll
HLBLK3475	¾"	75'	1 Roll
HLBLK175	1"	75'	1 Roll

Hook & Loop Tie Wraps



DESCRIPTION

Hook and loop tie wraps are pre-cut to variety of lengths and include secure loop for easy use. Great for wire management and securing fiber optic cables.

Tie Wrap Hook & Loops			
PART #	WIDTH	LENGTH	QTY
TWHLBLK128	½"	8"	1 Pack of 100
TWHLBLK1212	½"	12"	1 Pack of 100
TWHLBLK348	¾"	8"	1 Pack of 100
TWHLBLK3412	¾"	12"	1 Pack of 100

Acetal Banding Tool



DESCRIPTION

An acetal banding tool is a device used to securely apply and tighten acetal bands.

Banding Tool		
PART #	DESCRIPTION	QTY
BNDATOOL	Acetal Banding Installation Tool	1 Tool

Acetal Banding



DESCRIPTION

Acetal banding is a strong, durable, and lightweight plastic strap used for securing and bundling cables, offering high resistance to impact and environmental conditions.

Banding Tool		
PART #	DESCRIPTION	QTY
BNDA1250	Acetal Banding, ½" x 50' Roll	1 Roll
BNDA1216	Acetal ½" x 16" Banding w/ Locking Head	1 Pack of 50
BNDA1227	Acetal ½" x 27" Banding w/ Locking Head	1 Pack of 25

Acetal Banding Locking Heads



DESCRIPTION

Acetal band locking heads are fastening components designed to securely hold and lock acetal bands in place, ensuring a tight and reliable seal. Conveniently sold in packs of 1, 25, 50 and 100.

Three Way Stand-Off Adapters		
PART #	DESCRIPTION	QTY
BNDALH	Locking Head for ½" Acetal Banding (Single)	1 Locking Head

Stainless Steel Banding Tool



DESCRIPTION

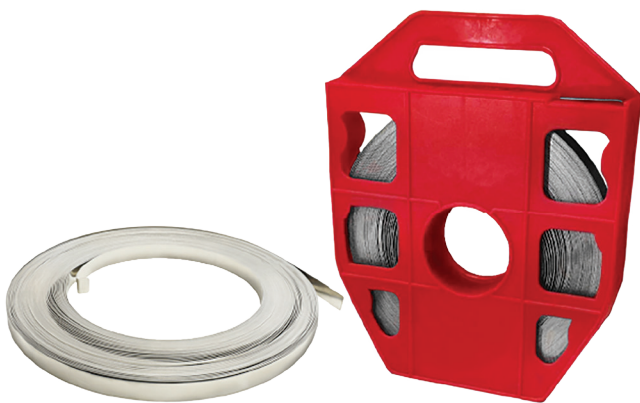
A stainless steel banding tool is a device used to securely apply and tighten stainless steel bands.

KEY FEATURES

- 2400lb Tension capacity
- Band widths of 1/4" – 3/4"
- Built-in banding cutter

Banding Tool		
PART #	DESCRIPTION	QTY
BNDTOOL	1/4" – 3/4" Banding Tool	1 Tool

Stainless Steel Banding



DESCRIPTION

Stainless steel banding is a high-strength, corrosion-resistant strap offering superior durability and resistance to harsh environments.

KEY FEATURES

- Manufactured from 201 or 304 Stainless Steel
- Sold in red plastic tote dispenser

Stainless Steel Banding				
PART #	MATERIAL	WIDTH	LENGTH	QTY
BNDS12100	304 Stainless Steel	1/2"	100'	1 Roll
BNDS34100	304 Stainless Steel	3/4"	100'	1 Roll
BNDS114100	304 Stainless Steel	1 1/4"	100'	1 Roll

Stainless Steel Banding Buckles



DESCRIPTION

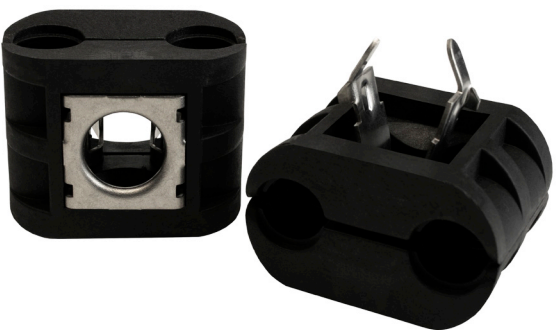
Stainless steel banding buckles are fastening components designed to securely tighten and lock stainless steel bands in place, ensuring a strong and durable hold.

KEY FEATURES

- Secured with a tooth and ear design
- Manufactured from 304 Stainless Steel
- Additional pack sizes available

Stainless Steel Banding Buckles		
PART #	DESCRIPTION	QTY
BNDSBKL1250	1/2" Banding Buckle	1 Pack of 50
BNDSBKL34100	3/4" Banding Buckle	1 Pack of 100
BNDSBKL11450	1 1/4" Banding Buckle	1 Pack of 50

Snap Blocks



DESCRIPTION

Snap Blocks easily snap into 3/4" ID mounting holes providing a solid base which reduces lateral movement. Blocks are stackable and re-adjustable.

KEY FEATURES

- Weather resistant polypropylene
- Insert manufactured from 304 Stainless Steel
- Reduces installation time
- US Patent No. 7,484,698

Snap Blocks			
PART #	COAXIAL CABLE SIZE	RUNS	QTY
SBD12	1/2"	Double Run	1 Pack of 10
SBD78	7/8"	Double Run	1 Pack of 10
SBD114	1 1/4"	Double Run	1 Pack of 10
SBD158	1 5/8"	Double Run	1 Pack of 10

PIM Mitigation Snap-In Double Blocks



DESCRIPTION

Snap Blocks easily snap into 3/4" ID mounting holes, providing cable support while eliminating a common source of PIM. PIM Blocks are stackable and re-adjustable.

KEY FEATURES

- Weather resistant polypropylene
- Insert manufactured from POM6
- US Patent No. 7,484,698

PIM Mitigation Snap Blocks		
PART #	DESCRIPTION	QTY
SBDM58PIM	For 5mm-8mm Cable	1 Pack of 10
SBDM812PIM	For 8mm-12mm Cable	1 Pack of 10
SBDM1216PIM	For 12mm-16mm Cable (1/2" Flex and 1/2" Standard Coax)	1 Pack of 10
SBD78PIM	For 7/8" Cable (Compatible with 7/8" inserts)	1 Pack of 10

PIM Mitigation Snap-In Single Blocks



DESCRIPTION

Snap Blocks easily snap into 3/4" ID mounting holes, providing cable support while eliminating a common source of PIM. PIM Blocks are stackable and re-adjustable.

KEY FEATURES

- Weather resistant polypropylene
- Manufactured from POM6
- Patent Pending

PIM Mitigation Snap Blocks		
PART #	DESCRIPTION	QTY
SBSM58PIM	For 5mm-8mm Cable	1 Pack of 10
SBSM812PIM	For 8mm-12mm Cable	1 Pack of 10
SBSM1216PIM	For 12mm-16mm Cable (1/2" Flex and 1/2" Standard Coax)	1 Pack of 10

Metric Blocks



DESCRIPTION

The Metric Blocks unique design allows them to support a range of cable diameters. Compatible with 3/8" or 10mm mounting hardware.

KEY FEATURES

- Weather resistant polypropylene
- Accommodates 3/8" and 10mm hardware
- Ideal for electrical wire or fiber cable

Metric Blocks		
PART #	DESCRIPTION	QTY
BDM58	Double Block for 5mm to 8mm OD cable	1 Pack of 10
BDM812	Double Block for 8mm to 12mm OD cable	1 Pack of 10
BDM1216	Double Block for 12mm to 16mm OD cable	1 Pack of 10

Quad Blocks



DESCRIPTION

The Quad Blocks unique design allows them to support a range of cable diameters from two 10mm-12mm and two 7mm cables. Compatible with 3/8" or 10mm mounting hardware.

KEY FEATURES

- Weather resistant polypropylene
- Accommodates 3/8" and 10mm hardware
- Ideal for electrical wire or fiber cable

Quad Blocks		
PART #	DESCRIPTION	QTY
BQ10127	Block for two 10mm-12mm & two 7mm cables	1 Pack of 10
BDI1023	Block for two 10mm or 20mm-23mm cables	1 Pack of 10

Coax Blocks



DESCRIPTION

Coax Blocks are available in both single and double run designs. The robust design allows up to 6 runs of cable to be supported in one compact bundle.

KEY FEATURES

- Weather-resistant polypropylene
- Interior gripping teeth
- Exterior alignment ridges

Coax Blocks			
PART #	COAXIAL CABLE SIZE	RUN	QTY
BS12	1/2"	Single	1 Pack of 10
BD12	1/2"	Double	1 Pack of 10
BS58	5/8"	Single	1 Pack of 10
BD58	5/8"	Double	1 Pack of 10
BD208	20.8mm	Double	1 Pack of 10
BS78	7/8"	Single	1 Pack of 10
BD78	7/8"	Double	1 Pack of 10
BD242	24.2mm	Double	1 Pack of 10
BS114	1 1/4"	Single	1 Pack of 10
BD114	1 1/4"	Double	1 Pack of 10
BD332	33.2mm	Double	1 Pack of 10
BD347	34.7mm	Double	1 Pack of 10
BS158	1 5/8"	Single	1 Pack of 10
BD158	1 5/8"	Double	1 Pack of 10
BS214	2 1/4"	Single	1 Pack of 10
BD214	2 1/4"	Double	1 Pack of 10

Universal Hanger Inserts



DESCRIPTION

Our 8 different flexible rib design inserts will accommodate up to a 4mm-40mm OD cable. Manufactured from UV resistant EPDM rubber.

KEY FEATURES

- Flexible support ribs
- Manufactured from UV resistant EPDM rubber
- Compatible with standard coaxial cable support products
- US Patent No. 9,407,078

**For hole configurations, see page 108.*

Universal Hanger Inserts			
PART #	DESCRIPTION	HANGER SIZE	QTY
HI0410	Insert for 4mm-10mm (0.16"-0.39") OD Cable	1/2"	1 Pack of 10
HI0613	Insert for 6mm-13mm (0.24"-0.51") OD Cable	7/8"	1 Pack of 10
HI1318	Insert for 13mm-18mm (0.51"-0.71") OD Cable	7/8"	1 Pack of 10
HI1020	Insert for 10mm-20mm (0.39"-0.79") OD Cable	1 1/4"	1 Pack of 10
HI0613-3	Insert for 3 × 6mm – 13mm (3 × 0.24"- 0.51") OD Cable	1 5/8"	1 Pack of 10
HI1722	Insert for 17mm-22mm (0.67"-0.87") OD Cable	1 5/8"	1 Pack of 10
HI2231	Insert for 22mm-31mm (0.87"-1.22") OD Cable	1 5/8"	1 Pack of 10
HI3040	Insert for 30mm-40mm (1.18"-1.58") OD Cable	2 1/4"	1 Pack of 10

Wide Range Universal Hanger Inserts



DESCRIPTION

Our flexible rib design inserts are offered in 4 sizes to accommodate 4mm – 45mm OD cable. Each insert provides a wider range of cable OD's and hanger inserts.

KEY FEATURES

- Flexible support ribs
- Manufactured from UV resistant EPDM rubber
- Compatible with standard coaxial cable support products
- US Patent No. 9,407,078

**For hole configurations, see page 109.*

Wide Range Universal Hanger Inserts			
PART #	DESCRIPTION	HANGER SIZE	QTY
HIU415	Insert for 4mm-15mm (0.16"-0.59") OD Cable	7/8"	1 Pack of 10
HIU1425	Insert for 14mm-25mm (0.55"-0.98") OD Cable	1 1/4"	1 Pack of 10
HIU2036	Insert for 20mm-36mm (0.78"-1.41") OD Cable	1 5/8"	1 Pack of 10
HIU2545	Insert for 25mm-45mm (0.98"-1.77") OD Cable	2 1/4"	1 Pack of 10

Multi-Hole Hanger Inserts



DESCRIPTION

Manufactured from UV resistant EPDM rubber. Multi Hole Hanger Inserts are designed to support a variety of cable sizes and combinations.

KEY FEATURES

- Compatible with standard coaxial cable support products
- Custom hole configurations available on request

**For hole configurations, see page 109.*

Multi-Hole Hanger Inserts			
PART #	DESCRIPTION	HANGER SIZE	QTY
HI10272	(2) x 10mm & (2) x 7mm (2 x 0.39" & 2 x 0.28")	1 1/4"	1 Pack of 10
HI13272	(2) x 13mm & (2) x 7mm (2 x 0.51" & 2 x 0.28")	1 1/4"	1 Pack of 10
HI15274	(2) x 15mm & (4) x 7mm (2 x 0.59" & 4 x 0.28")	1 1/4"	1 Pack of 10
HI233571	(1) 23mm-35mm & (1) 7mm (1 x 0.90"-1.38" & 1 x 0.28")	1 5/8"	1 Pack of 10
HI241101	(1) x 24mm & (1) x 10mm (1 x 0.94" & 1 x 0.39")	1 5/8"	1 Pack of 10
HI11474	(4) x 11mm & (4) x 7mm (4 x 0.43" & 4 x 0.28")	1 5/8"	1 Pack of 10
HI202101	(2) x 20mm & (1) x 10mm (2 x 0.79" & 1 x 0.39")	1 5/8"	1 Pack of 10
HI6810121426	6, 8, 10, 12, 14 & 26mm (0.24", 0.31", 0.39", 0.47", 0.55", 1.02")	1 5/8"	1 Pack of 10
HI114162	(4) x 11mm & (2) x 16mm (4 x 0.43" & 2 x 0.63")	1 5/8"	1 Pack of 10
HI117	(7) x 11mm (7 x 0.43")	1 5/8"	1 Pack of 10
HI202	(2) x 20mm (2 x 0.79")	1 5/8"	1 Pack of 10
HI164	(4) x 16mm (4 x 0.63")	1 5/8"	1 Pack of 10
HI0610	(10) x 6mm (10 x 0.23")	1 5/8"	1 Pack of 10

Single Hole Hanger Inserts



DESCRIPTION

Manufactured from UV resistant EPDM rubber. Single hole Hanger Inserts are designed to support a variety of cable sizes.

KEY FEATURES

- Manufactured from UV resistant EPDM rubber
- Compatible with standard coaxial cable support products
- Custom hole configurations available by request

**For hole configurations, see page 109.*

Single Hole Hanger Inserts			
PART #	DESCRIPTION	HANGER SIZE	QTY
HI201	Hanger Insert (1) x 20mm (1 × 0.79")	7⁄8"	1 Pack of 10
HI241	Hanger Insert (1) x 24mm (1 × 0.94")	1¼"	1 Pack of 10
HI261	Hanger Insert (1) x 26mm (1 × 1.02")	1¼"	1 Pack of 10
HI301	Hanger Insert (1) x 30mm (1 × 1.18")	1½"	1 Pack of 10
HI331	Hanger Insert (1) x 33mm (1 × 1.29")	1½"	1 Pack of 10
HI361	Hanger Insert (1) x 36mm (1 × 1.41")	1½"	1 Pack of 10
HI371	Hanger Insert (1) x 37mm (1 × 1.46")	1½"	1 Pack of 10
HI401	Hanger Insert (1) x 40mm (1 × 1.57")	1½"	1 Pack of 10
HI431	Hanger Insert (1) x 43mm (1 × 1.70")	1½"	1 Pack of 10
HI461	Hanger Insert (1) x 46mm (1 × 1.81")	1½"	1 Pack of 10

Entry Boots



DESCRIPTION

Available in both 4" and 5" sizes. Compatible with all standard entry boot cushions.

KEY FEATURES

- Manufactured from UV resistant EPDM rubber
- Seals against moisture and dust ingress
- Custom insert cushions available

**For cushion hole configurations, see page 108.*

4" Entry Boot Kits		
PART #	DESCRIPTION	QTY
EB400	4" Entry Boot (Cushion Not Included)	1 Boot
EB4381	4" Cushion 1 Hole for 3⁄8" OD Cable	1 Boot Assembly
EB4383	4" Cushion 3 Holes for 3⁄8" OD Cable	1 Boot Assembly
EB4384	4" Cushion 4 Holes for 3⁄8" OD Cable	1 Boot Assembly
EB4385	4" Cushion 5 Holes for 3⁄8" OD Cable	1 Boot Assembly
EB4389	4" Cushion 9 Holes for 3⁄8" OD Cable	1 Boot Assembly
EB4121	4" Cushion 1 Hole for 1⁄2" OD Cable	1 Boot Assembly
EB4122	4" Cushion 2 Holes for 1⁄2" OD Cable	1 Boot Assembly
EB4123	4" Cushion 3 Holes for 1⁄2" OD Cable	1 Boot Assembly
EB4124	4" Cushion 4 Holes for 1⁄2" OD Cable	1 Boot Assembly
EB4125	4"Cushion 5 Holes for 1⁄2" OD Cable	1 Boot Assembly
EB4129	4" Cushion 9 Holes for 1⁄2" OD Cable	1 Boot Assembly
EB4581	4" Cushion 1 Hole for 5⁄8" OD Cable	1 Boot Assembly
EB4582	4" Cushion 2 Hole for 5⁄8" OD Cable	1 Boot Assembly
EB4583	4" Cushion 3 Hole for 5⁄8" OD Cable	1 Boot Assembly
EB4781	4" Cushion 1 Hole for 7⁄8" OD Cable	1 Boot Assembly
EB4782	4" Cushion 2 Holes for 7⁄8" OD Cable	1 Boot Assembly
EB4783	4" Cushion 3 Holes for 7⁄8" OD Cable	1 Boot Assembly
EB4784	4" Cushion 4 Holes for 7⁄8" OD Cable	1 Boot Assembly
EB41141	4" Cushion 1 Hole for 1¼" OD Cable	1 Boot Assembly
EB41581	4" Cushion 1 Hole for 1½" OD Cable	1 Boot Assembly
EB42141	4" Cushion 1 Hole for 2¼" OD Cable	1 Boot Assembly

5" Entry Boot Kits		
PART #	DESCRIPTION	QTY
EB500	5" Entry Boot (Cushion Not Included)	1 Boot
EB5381	5" Cushion 1 Hole for 3/8" OD Cable	1 Boot Assembly
EB5383	5" Cushion 3 Holes for 3/8" OD Cable	1 Boot Assembly
EB5384	5" Cushion 4 Holes for 3/8" OD Cable	1 Boot Assembly
EB5385	5" Cushion 5 Holes for 3/8" OD Cable	1 Boot Assembly
EB5389	5" Cushion 9 Holes for 3/8" OD Cable	1 Boot Assembly
EB5121	5" Cushion 1 Hole for 1/2" OD Cable	1 Boot Assembly
EB5122	5" Cushion 2 Holes for 1/2" OD Cable	1 Boot Assembly
EB5123	5" Cushion 3 Holes for 1/2" OD Cable	1 Boot Assembly
EB5124	5" Cushion 4 Holes for 1/2" OD Cable	1 Boot Assembly
EB5125	5" Cushion 5 Holes for 1/2" OD Cable	1 Boot Assembly
EB5129	5" Cushion 9 Holes for 1/2" OD Cable	1 Boot Assembly
EB5581	5" Cushion 1 Hole for 5/8" OD Cable	1 Boot Assembly
EB5582	5" Cushion 2 Hole for 5/8" OD Cable	1 Boot Assembly
EB5583	5" Cushion 3 Hole for 5/8" OD Cable	1 Boot Assembly
EB5781	5" Cushion 1 Hole for 7/8" OD Cable	1 Boot Assembly
EB5782	5" Cushion 2 Holes for 7/8" OD Cable	1 Boot Assembly
EB5783	5" Cushion 3 Holes for 7/8" OD Cable	1 Boot Assembly
EB5784	5" Cushion 4 Holes for 7/8" OD Cable	1 Boot Assembly
EB51141	5" Cushion 1 Hole for 1 1/4" OD Cable	1 Boot Assembly
EB51581	5" Cushion 1 Hole for 1 5/8" OD Cable	1 Boot Assembly
EB52141	5" Cushion 1 Hole for 2 1/4" OD Cable	1 Boot Assembly

Entry Boot Cushions



DESCRIPTION

Entry Boot Cushions can be combined with 4" or 5" boots to create boot assemblies or with round member adapters to create cushion hangers.

KEY FEATURES

- For use with 4" and 5" Entry Boots
- Custom sizes available
- Manufactured from UV resistant EPDM rubber

Entry Boot Cushion		
PART #	DESCRIPTION	QTY
EBCB	Blank Entry Boot Cushion	1 Cushion
EBC381	1 Hole for 3/8" OD Cable	1 Cushion
EBC383	3 Holes for 3/8" OD Cable	1 Cushion
EBC384	4 Holes for 3/8" OD Cable	1 Cushion
EBC385	5 Holes for 3/8" OD Cable	1 Cushion
EBC389	9 Holes for 3/8" OD Cable	1 Cushion
EBC121	1 Hole for 1/2" OD Cable	1 Cushion
EBC122	2 Holes for 1/2" OD Cable	1 Cushion
EBC123	3 Holes for 1/2" OD Cable	1 Cushion
EBC124	4 Holes for 1/2" OD Cable	1 Cushion
EBC125	5 Holes for 1/2" OD Cable	1 Cushion
EBC129	9 Holes for 1/2" OD Cable	1 Cushion
EBC581	1 Hole for 5/8" OD Cable	1 Cushion
EBC582	2 Hole for 5/8" OD Cable	1 Cushion
EBC583	3 Hole for 5/8" OD Cable	1 Cushion
EBC781	1 Hole for 7/8" OD Cable	1 Cushion
EBC782	2 Holes for 7/8" OD Cable	1 Cushion
EBC783	3 Holes for 7/8" OD Cable	1 Cushion
EBC784	4 Holes for 7/8" OD Cable	1 Cushion
EBC1141	1 Hole for 1 1/4" OD Cable	1 Cushion
EBC1581	1 Hole for 1 5/8" OD Cable	1 Cushion
EBC2141	1 Hole for 2 1/4" OD Cable	1 Cushion
EBCE52601	Elliptical Waveguide Cushion 1 Hole, EW52/E60	1 Cushion
EBCE63651	Elliptical Waveguide Cushion 1 Hole, EW63/E65	1 Cushion
EBCE901051	Elliptical Waveguide Cushion 1 Hole, EW90/E105	1 Cushion
EBCE1801851	Elliptical Waveguide Cushion 1 Hole, EW180/E185	1 Cushion

Cushion Plugs



DESCRIPTION

Cushion plugs seal unused holes in entry boot cushions.

KEY FEATURES

- Manufactured from UV-resistant EPDM rubber

Elliptical Waveguide Cushions		
PART #	DESCRIPTION	QTY
CP38	3⁄8" Cushion Plug	1 Pack of 5
CP12	1⁄2" Cushion Plug	1 Pack of 5
CP78	7⁄8" Cushion Plug	1 Pack of 5
CP114	1¼" Cushion Plug	1 Pack of 5
CP158	1⅝" Cushion Plug	1 Pack of 5

Entry Panel Caps



DESCRIPTION

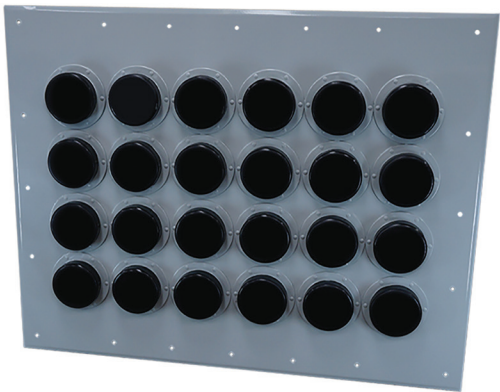
Entry Panel Caps seal unused entry panel holes.

KEY FEATURES

- Manufactured from UV-resistant EPDM rubber

Elliptical Waveguide Cushions		
PART #	DESCRIPTION	QTY
EC400	4" Entry Port Cover	1 Cap
EC500	5" Entry Port Cover	1 Cap

Entry Panels



DESCRIPTION

4" and 5" Entry Panels create an excellent seal against moisture while providing a support point for cable entering radio cabinets or shelters.

KEY FEATURES

- Entry caps included
- Mounting hardware included
- Provides effective seal against the ingress of dust and moisture when used with EB400 series boot assemblies

Entry Panels 4" Port				
PART #	DESCRIPTION	WALL OPENING	OVERALL SIZE	QTY
E220	4" 1 port, 1 × 1	4" x 4"	7" x 7"	1 Panel
E1448	4" 2 port, 1 × 2	4" x 10"	9.5" x 15.5"	1 Panel
E1635	4" 3 port, 1 × 3	4" x 15"	9.5" x 20"	1 Panel
E575	4" 4 port, 1 × 4	4" x 20.5"	9.5" x 25.5"	1 Panel
E1477	4" 6 port, 1 × 6	4" x 30.5"	9.5" x 36.5"	1 Panel
E1199	4" 4 port, 2 × 2	9.5" x 11"	17.5" x 17.5"	1 Panel
E1449	4" 6 port, 2 × 3	9.5" x 15"	17.5" x 23"	1 Panel
E576	4" 8 port, 2 × 4	9.5" x 20.5"	17.5" x 25.5"	1 Panel
E1297	4" 10 port, 2 × 5	9.5" x 24.5"	17.5" x 31"	1 Panel
E1336	4" 12 port, 2 × 6	9.5" x 31.5"	17.5" x 39.5"	1 Panel
E1033	4" 9 port, 3 × 3	15" x 15"	23" x 23"	1 Panel
E1118	4" 12 port, 3 × 4	15" x 20.5"	25.5" x 25.5"	1 Panel
E1333	4" 18 port, 3 × 6	15" x 31.5"	25.5" x 39.5"	1 Panel
E1447	4" 16 port, 4 × 4	20.5" x 20.5"	25.5" x 25.5"	1 Panel
E1340	4" 24 port, 4 × 6	20.5" x 31.5"	31" x 39.5"	1 Panel

Entry Panels 5" Port				
PART #	DESCRIPTION	WALL OPENING	OVERALL SIZE	QTY
E549	5" 1 port, 1 × 1	5" x 5"	9.5" x 9.5"	1 Panel
E550	5" 2 port, 1 × 2	5" x 12"	9.5" x 17.5"	1 Panel
E551	5" 3 port, 1 × 3	5" x 19"	9.5" x 25.5"	1 Panel
E552	5" 4 port, 2 × 2	12" x 12"	17.5" x 17.5"	1 Panel
E553	5" 6 port, 2 × 3	12" x 26"	17.5" x 25.5"	1 Panel

Color ID Clips



DESCRIPTION

Color ID clips clip to cables, making it easy to differentiate between them. These clips enhance organization by allowing quick identification of various cables, helping reduce confusion and clutter.

KEY FEATURES

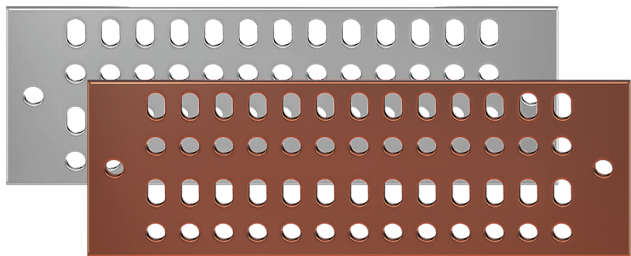
- Ribbed interior helps reduce slippage
- Rounded openings to prevent jacket tears on cables

1/2 Inch Color ID Clips		
PART #	DESCRIPTION	QTY
CICBL12	Blue 1/2" Color ID Clip	1 Pack of 100
CICBR12	Brown 1/2" Color ID Clip	1 Pack of 100
CICGR12	Green 1/2" Color ID Clip	1 Pack of 100
CICGY12	Gray 1/2" Color ID Clip	1 Pack of 100
CICOR12	Orange 1/2" Color ID Clip	1 Pack of 100
CICPI12	Pink 1/2" Color ID Clip	1 Pack of 100
CICPR12	Purple 1/2" Color ID Clip	1 Pack of 100
CICRD12	Red 1/2" Color ID Clip	1 Pack of 100
CICWT12	White 1/2" Color ID Clip	1 Pack of 100
CICYL12	Yellow 1/2" Color ID Clip	1 Pack of 100

3/8 Inch Color ID Clips		
PART #	DESCRIPTION	QTY
CICBL38	Blue 3/8" Color ID Clip	1 Pack of 100
CICBR38	Brown 3/8" Color ID Clip	1 Pack of 100
CICGR38	Green 3/8" Color ID Clip	1 Pack of 100
CICGY38	Gray 3/8" Color ID Clip	1 Pack of 100
CICOR38	Orange 3/8" Color ID Clip	1 Pack of 100
CICPI38	Pink 3/8" Color ID Clip	1 Pack of 100
CICPR38	Purple 3/8" Color ID Clip	1 Pack of 100
CICRD38	Red 3/8" Color ID Clip	1 Pack of 100
CICWT38	White 3/8" Color ID Clip	1 Pack of 100
CICYL38	Yellow 3/8" Color ID Clip	1 Pack of 100

1/4 Inch Color ID Clips		
PART #	DESCRIPTION	QTY
CICBL14	Blue 1/4" Color ID Clip	1 Pack of 100
CICBR14	Brown 1/4" Color ID Clip	1 Pack of 100
CICGR14	Green 1/4" Color ID Clip	1 Pack of 100
CICGY14	Gray 1/4" Color ID Clip	1 Pack of 100
CICOR14	Orange 1/4" Color ID Clip	1 Pack of 100
CICPI14	Pink 1/4" Color ID Clip	1 Pack of 100
CICPR14	Purple 1/4" Color ID Clip	1 Pack of 100
CICRD14	Red 1/4" Color ID Clip	1 Pack of 100
CICWT14	White 1/4" Color ID Clip	1 Pack of 100
CICYL14	Yellow 1/4" Color ID Clip	1 Pack of 100

Universal Buss Bars



DESCRIPTION

Universal Buss Bars are manufactured with a universal hole pattern in 2" and 4" widths. Our universal design accommodates lugs with 1" or 3/4" hole spacing.

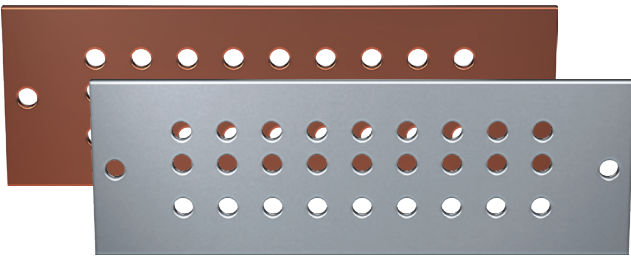
KEY FEATURES

- Manufactured from 1/4" thick copper bar
- Available in bare and tinned copper
- Custom sizes and hole configurations available
- Suited for 3/8" or 10 mm mounting hardware

*Hardware available on request, see page 32.

Universal Buss Bars			
PART #	SIZE	MATERIAL	QTY
BB206U	2" X 6"	Bare Copper	1 Bar
BB206UT	2" X 6"	Tinned	1 Bar
BB210U	2" X 10"	Bare Copper	1 Bar
BB210UT	2" X 10"	Tinned	1 Bar
BBG210U	2" X 10"	Galvanized	1 Bar
BB212U	2" X 12"	Bare Copper	1 Bar
BB212UT	2" X 12"	Tinned	1 Bar
BBG212U	2" X 12"	Galvanized	1 Bar
BB214U	2" X 14"	Bare Copper	1 Bar
BB214UT	2" X 14"	Tinned	1 Bar
BB412U	4" X 12"	Bare Copper	1 Bar
BB412UT	4" X 12"	Tinned Tinned	1 Bar
BBG412U	4" X 12"	Galvanized	1 Bar
BB418U	4" X 18"	Bare Copper	1 Bar
BB418UT	4" X 18"	Tinned	1 Bar
BB420U	4" X 20"	Bare Copper	1 Bar
BB420UT	4" X 20"	Tinned	1 Bar
BBG420U	4" X 20"	Galvanized	1 Bar
BB424U	4" X 24"	Bare Copper	1 Bar
BB424UT	4" X 24"	Tinned	1 Bar
BBG424U	4" X 24"	Galvanized	1 Bar

Standard Buss Bars



DESCRIPTION

Standard Buss Bars are designed to accommodate 3/4" & 1" lug hole spacing. Custom sizes and hole patterns are available upon request.

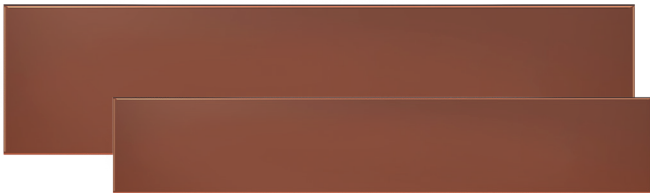
KEY FEATURES

- Manufactured from 1/4" thick copper bar
- Available in bare and tinned copper
- Custom sizes and hole configurations available

*Hardware available on request, see page 32.

Standard Buss Bars			
PART #	SIZE	MATERIAL	QTY
BB406ST	4" x 6"	Bare Copper	1 Bar
BB406STT	4" x 6"	Tinned	1 Bar
BB410ST	4" x 10"	Bare Copper	1 Bar
BB410STT	4" x 10"	Tinned	1 Bar
BB412ST	4" x 12"	Bare Copper	1 Bar
BB412STT	4" x 12"	Tinned	1 Bar
BB414ST	4" x 14"	Bare Copper	1 Bar
BB414STT	4" x 14"	Tinned	1 Bar
BB420ST	4" x 20"	Bare Copper	1 Bar
BB420STT	4" x 20"	Tinned	1 Bar
BB424ST	4" x 24"	Bare Copper	1 Bar
BB424STT	4" x 24"	Tinned	1 Bar

Blank Buss Bars



DESCRIPTION

Blank Buss Bars allow for your own custom hole configuration

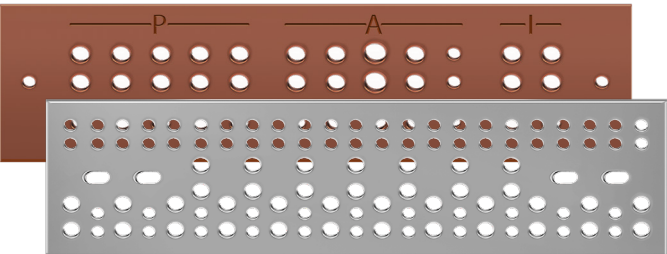
KEY FEATURES

- Available in 2", 4" & 6" widths
- Any length up to 144"

**Hardware available on request, see page 32.*

Blank Buss Bars		
PART #	SIZE	QTY
BB210B	2" x 10"	1 Bar
BB212B	2" x 12"	1 Bar
BB236B	2" x 36"	1 Bar
BB412B	4" x 12"	1 Bar
BB436B	4" x 36"	1 Bar

Custom Buss Bars



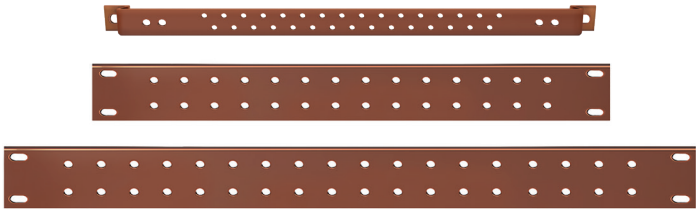
DESCRIPTION

Custom Buss Bars can be created to suit any custom project. Our capabilities allow for any hole configuration, spacing and size. We maintain a variety of raw material which allows us to expedite delivery of custom buss bars.

KEY FEATURES

- Carrier specific stamping and product specific instructions available
- 2", 4" & 6" bars
- Custom mounting
- 1/8" to 1/4" thickness
- Tapped mounting holes
- Letter stamping
- Custom lengths
- Protective cover kits
- (- & +) Distribution Bars

Equipment Rack Buss Bars



DESCRIPTION

An equipment rack bus bar is a conductive metal bar used to distribute electrical power to various components within a rack-mounted system, ensuring efficient and organized power distribution.

KEY FEATURES

- Available for 19" and 23" equipment racks
- Custom hole patterns available upon request

Standard Buss Bars		
PART #	DESCRIPTION	QTY
BBER14119OS	¼" x 1" x 19" Equipment Rack Buss Bar (1" Off-set)*	1 Bar
BBER14219	¼" x 2" x 19" Equipment Rack Buss Bar*	1 Bar
BBER14223	¼" x 2" x 23" Equipment Rack Buss Bar*	1 Bar

Equipment Rack Buss Bar Mounting Hardware



SPH10321



SHH122412



SHH122434

DESCRIPTION

Equipment rack bus bar mounting hardware is used to securely attach a bus bar to a rack, ensuring stable and safe power distribution.

KEY FEATURES

- Available in 10-32 and 12-24 tapped mounting holes

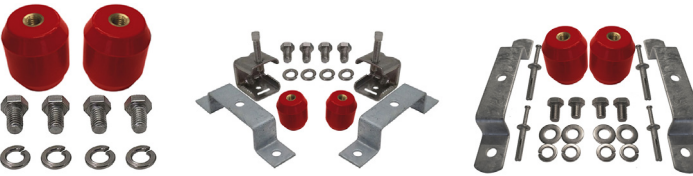
Equipment Rack Hardware		
PART #	DESCRIPTION	QTY
SPH10321	10-32 x 1" Pan Head Machine Screw	1
SHH122412	12-24 x ½" Slot Hex Washer Head Taptie Thread Roll Screw	1
SHH122434	12-24 x ¾" Slot Hex Washer Head Taptie Thread Roll Screw	1



Buss Bar Mounting Hardware



BBI14BBI38BBI381SBBI14K



BBI38KBBHKUBBHKS



BBHKRBBHKT

Buss Bar Mounting Hardware			
PART #	DESCRIPTION	QTY	ADD ON PART #
BBI14	¼" Buss Bar Insulator	1 Insulator	
BBI14K	¼" Buss Bar Insulator Kit (two ¼" insulators, four ¼" bolts, four ¼" lock washers)	1 Kit	
BBI38	¾" Buss Bar Insulator	1 Insulator	
BBI38K	¾" Buss Bar Insulator Kit (two ¾" insulators, four ¾" bolts, four ¾" lock washers)	1 Kit	
BBI381S	¾"-16 x 1" Stud (for stacking buss bars or mounting buss bar cover)	1 Stud	
BBHKU	Universal Attachment Hardware Kit	1 Kit	U
BBHKS	Shelter (wall) Attachment Hardware Kit	1 Kit	S
BBHKR	Round Member Attachment Hardware Kit	1 Kit	R
BBHKT	Tower (angle) Attachment Hardware Kit	1 Kit	TR

DESCRIPTION

Buss Bar Hardware kits allow all sizes of buss bars to be secured in virtually any application.

KEY FEATURES

- Stainless steel attachment hardware
- Glass reinforced polyester insulators
- Galvanized shelter brackets

NOTES

To add buss bar hardware to a buss bar, add the letter in the "Add On Part Number" column to the end of the desired buss bar part number.
(example: BB210UT**TR**)

Standard Ground Kit



DESCRIPTION

The Standard Ground Kit utilizes a mechanically attached ground strap. The ground strap incorporates an expansion rib which eliminates any concern of over tightening.

KEY FEATURES

- Large contact surface area
- Expansion rib prevents over tightening
- 5 ft, 6 AWG ground lead
- Custom sizes available upon request

Standard Ground Kits		
PART #	DESCRIPTION	QTY
GST38	Standard Ground Kit for ¾" Coaxial Cable	1 Kit
GST38T	Standard Ground Kit for ¾" Coaxial Cable (Tinned)	1 Kit
GST12	Standard Ground Kit for ½" Coaxial Cable	1 Kit
GST12T	Standard Ground Kit for ½" Coaxial Cable (Tinned)	1 Kit
GST58	Standard Ground Kit for ⅝" Coaxial Cable	1 Kit
GST58T	Standard Ground Kit for ⅝" Coaxial Cable (Tinned)	1 Kit
GST78	Standard Ground Kit for 7⁄8" Coaxial Cable	1 Kit
GST78T	Standard Ground Kit for 7⁄8" Coaxial Cable (Tinned)	1 Kit
GST114	Standard Ground Kit for 1¼" Coaxial Cable	1 Kit
GST114T	Standard Ground Kit for 1¼" Coaxial Cable (Tinned)	1 Kit
GST158	Standard Ground Kit for 1⅝" Coaxial Cable	1 Kit
GST158T	Standard Ground Kit for 1⅝" Coaxial Cable (Tinned)	1 Kit
GST214	Standard Ground Kit for 2¼" Coaxial Cable	1 Kit
GST214T	Standard Ground Kit for 2¼" Coaxial Cable (Tinned)	1 Kit

Snap-On Ground Kit



DESCRIPTION

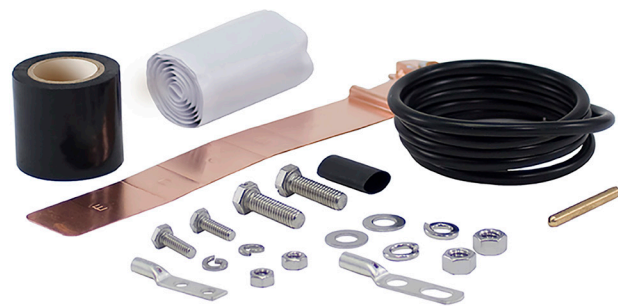
The Snap-On Ground Kit is designed to be quickly snapped onto the cable and locked into place with the stainless steel clip.

KEY FEATURES

- Unique design reduces installation time
- Large contact area
- 5 ft, 6 AWG ground lead

Universal Ground Kits		
PART #	DESCRIPTION	QTY
GSO12	Snap-On Ground Kit for 1/2" Coaxial Cable	1 Kit
GSO12T	Snap-On Ground Kit for 1/2" Coaxial Cable (Tinned)	1 Kit
GSO78	Snap-On Ground Kit for 7/8" Coaxial Cable	1 Kit
GSO78T	Snap-On Ground Kit for 7/8" Coaxial Cable (Tinned)	1 Kit
GSO114	Snap-On Ground Kit for 1 1/4" Coaxial Cable	1 Kit
GSO114T	Snap-On Ground Kit for 1 1/4" Coaxial Cable (Tinned)	1 Kit
GSO158	Snap-On Ground Kit for 1 5/8" Coaxial Cable	1 Kit
GSO158T	Snap-On Ground Kit for 1 5/8" Coaxial Cable (Tinned)	1 Kit

Universal Ground Kit



DESCRIPTION

Universal Ground Kits are designed to be compatible with corrugated coax, elliptical waveguide, hybrid, fiber and power assemblies.

KEY FEATURES

- Available with bare or tinned copper ground strap
- 5 ft, 6 AWG ground lead
- Expansion rib prevents over tightening
- Includes 1/4" and 3/8" Universal Ground Lug

Universal Ground Kits		
PART #	DESCRIPTION	QTY
GKUN5	Universal Ground Kit with 5' Lead	1 Kit
GKUN5T	Universal Ground Kit with 5' Lead (Tinned)	1 Kit

Mini-Universal Ground Kit



DESCRIPTION

Mini-Universal Ground Kits are designed to be compatible with corrugated coax, elliptical waveguide, hybrid, fiber and power assemblies.

KEY FEATURES

- Available with bare or tinned copper ground strap
- 5ft, 6 AWG ground lead
- Includes 3/8" universal ground lug
- Grounding for 1/4"-3/8" (6mm-10mm) cable

Universal Ground Kits		
PART #	DESCRIPTION	QTY
GKUM14385	Mini-Universal Ground Kit with 5' Lead	1 Kit
GKUM14385T	Mini-Universal Ground Kit with 5' Lead (Tinned)	1 Kit

Compression Splices



DESCRIPTION

Compression splices are made to connect two strands of wire to make a cold weld. Made for a variety of wire sizes and marked for color coded dies with recommended crimp areas.

KEY FEATURES

- Rated for 600V to 35kV
- Internally tapered ends
- Manufactured from seamless high conductive wrought copper and electro-tin plated

Compression Splices				
PART #	WIRE SIZE	WIRE TYPE	INSPECTION WINDOW	COLOR CODE
CS8STR	#8 AWG	Stranded	No	Red
CS6STR	#6 AWG	Stranded	No	Blue
CS4STR	#4 AWG	Stranded	No	Gray
CS2SLD	#2 AWG	Solid	No	White
CS2STR	#2 AWG	Stranded	No	Brown
CS20STR	2/0	Stranded	No	Black
CS40STR	4/0	Stranded	No	Purple

#14-#10 Ground Lugs



DESCRIPTION

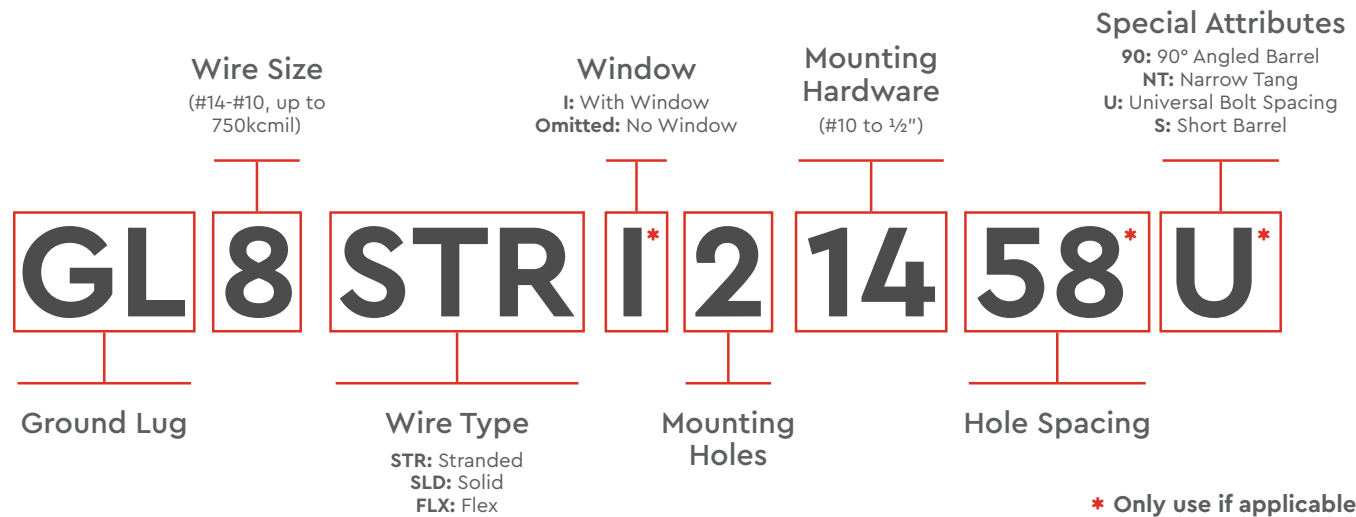
MIROC #14-#10 AWG ground lugs are made from seamless high conductive wrought copper. Electro-tin plated for long lasting corrosion resistance. Color coded yellow for #14-#10 AWG crimping die with recommended crimp areas.

KEY FEATURES

- Rated for 600V to 35kV
- Internally tapered barrel end
- Available with or without inspection window

#14 – #10 Ground Lugs							
PART #	WIRE SIZE	WIRE TYPE	INSPECTION WINDOW	# OF HOLES	BOLT SIZE	HOLE SPACING	COLOR CODE
GL1210STRI114	#12-#10 AWG	Stranded	Yes	1	1/4"	—	Yellow
GL1410STRI114	#14-#10 AWG	Stranded	Yes	1	1/4"	—	Yellow
GL1410STRI138	#14-#10 AWG	Stranded	Yes	1	3/8"	—	Yellow
GL1410STRI21458	#14-#10 AWG	Stranded	Yes	2	1/4"	5/8"	Yellow
GL1410STR21458	#14-#10 AWG	Stranded	No	2	1/4"	5/8"	Yellow
GL1410STRI21458S	#14-#10 AWG	Stranded	Yes (Short Barrel)	2	1/4"	5/8"	Yellow
GL1410STR21458S	#14-#10 AWG	Stranded	No (Short Barrel)	2	1/4"	5/8"	Yellow
GL1410STRI2141	#14-#10 AWG	Stranded	Yes	2	1/4"	1"	Yellow

MIROC Ground Lug Part Number Breakdown



#8 Ground Lugs



DESCRIPTION

MIROC #8 AWG ground lugs are made from seamless high conductive wrought copper. Electro-tin plated for long lasting corrosion resistance. Made for a variety of hardware sizes, hole spacing and wire types. Color coded red for #8 AWG crimping die with recommended crimp areas.

KEY FEATURES

- Rated for 600V to 35kV
- Internally tapered barrel end
- Available with or without inspection window

#8 Ground Lugs							
PART #	WIRE SIZE	WIRE TYPE	INSPECTION WINDOW	# OF HOLES	BOLT SIZE	SPACING	COLOR CODE
GL8STRI110S	#8 AWG	Stranded	Yes (Short Barrel)	1	#10	—	Red
GL8STRI114	#8 AWG	Stranded	Yes	1	1/4"	—	Red
GL8STR114	#8 AWG	Stranded	No	1	1/4"	—	Red
GL8STRI1516	#8 AWG	Stranded	Yes	1	5/16"	—	Red
GL8STRI138	#8 AWG	Stranded	Yes	1	3/8"	—	Red
GL8STRI21058	#8 AWG	Stranded	Yes	2	#10	5/8"	Red
GL8STR21058	#8 AWG	Stranded	No	2	#10	5/8"	Red
GL8STRI21458	#8 AWG	Stranded	Yes	2	1/4"	5/8"	Red
GL8STRI21458S	#8 AWG	Stranded	Yes (Short Barrel)	2	1/4"	5/8"	Red
GL8STR21458	#8 AWG	Stranded	No	2	1/4"	5/8"	Red
GL8STRI2381	#8 AWG	Stranded	No	2	3/8"	1"	Red
GL8STR2381	#8 AWG	Stranded	Yes	2	3/8"	1"	Red

#6 Ground Lugs



DESCRIPTION

MIROC #6 AWG ground lugs are made from seamless high conductive wrought copper. Electro-tin plated for long lasting corrosion resistance. Made for a variety of hardware sizes, hole spacing and wire types. Color coded blue for #6 AWG crimping die with recommended crimp areas.

- KEY FEATURES**
- Rated for 600V to 35kV
 - Internally tapered barrel end
 - Available with or without inspection window

#6 Ground Lugs							
PART #	WIRE SIZE	WIRE TYPE	INSPECTION WINDOW	# OF HOLES	BOLT SIZE	SPACING	COLOR CODE
GL6STRI110	#6 AWG	Stranded	Yes	1	#10	—	Blue
GL6STRI114	#6 AWG	Stranded	Yes	1	¼"	—	Blue
GL6STR114	#6 AWG	Stranded	No	1	¼"	—	Blue
GL6STRI138	#6 AWG	Stranded	Yes	1	⅜"	—	Blue
GL6STR138	#6 AWG	Stranded	No	1	⅜"	—	Blue
GL6STRI1516	#6 AWG	Stranded	Yes	1	⅝"	—	Blue
GL6STRI21434	#6 AWG	Stranded	Yes	2	¼"	¾"	Blue
GL6STR21434	#6 AWG	Stranded	No	2	¼"	¾"	Blue
GL6STRI21458	#6 AWG	Stranded	Yes	2	¼"	⅝"	Blue
GL6STR21458	#6 AWG	Stranded	No	2	¼"	⅝"	Blue
GL6STRI2145890	#6 AWG	Stranded	Yes (90 Degrees)	2	¼"	⅝"	Blue
GL6STR2145890	#6 AWG	Stranded	No (90 Degrees)	2	¼"	⅝"	Blue
GL6STRI21458S	#6 AWG	Stranded	Yes (Short Barrel)	2	¼"	⅝"	Blue
GL6STRI2141	#6 AWG	Stranded	Yes	2	¼"	1"	Blue
GL6STRI2381	#6 AWG	Stranded	Yes	2	⅜"	1"	Blue
GL6STR2381	#6 AWG	Stranded	No	2	⅜"	1"	Blue
GL6STRI238190	#6 AWG	Stranded	Yes (90 Degrees)	2	⅜"	1"	Blue
GL6STRI238U	#6 AWG	Stranded	Yes	2	⅜"	Universal	Blue
GL6STR238U	#6 AWG	Stranded	No	2	⅜"	Universal	Blue

#6 Ground Lugs							
PART #	WIRE SIZE	WIRE TYPE	INSPECTION WINDOW	# OF HOLES	BOLT SIZE	SPACING	COLOR CODE
GL6FLXI110	#6 AWG	Flex	Yes	1	#10	—	Blue
GL6FLXI138	#6 AWG	Flex	Yes	1	⅜"	—	Blue
GL6FLXI21458	#6 AWG	Flex	Yes	2	¼"	⅝"	Blue
GL6FLX21458	#6 AWG	Flex	No	2	¼"	⅝"	Blue
GL6FLXI21458S	#6 AWG	Flex	Yes (Short Barrel)	2	¼"	⅝"	Blue
GL6FLXI21434	#6 AWG	Flex	Yes	2	¼"	¾"	Blue
GL6FLXI2381	#6 AWG	Flex	Yes	2	⅜"	1"	Blue

#4 Ground Lugs



DESCRIPTION

MIROC #4 AWG ground lugs are made from seamless high conductive wrought copper. Electro-tin plated for long lasting corrosion resistance. Made for a variety of hardware sizes, hole spacing and wire types. Color coded gray for #4 AWG crimping die with recommended crimp areas.

- KEY FEATURES**
- Rated for 600V to 35kV
 - Internally tapered barrel end
 - Available with or without inspection window

#4 Ground Lugs							
PART #	WIRE SIZE	WIRE TYPE	INSPECTION WINDOW	# OF HOLES	BOLT SIZE	SPACING	COLOR CODE
GL4STR114	#4 AWG	Stranded	No	1	¼"	—	Gray
GL4STRI21458	#4 AWG	Stranded	Yes	2	¼"	⅝"	Gray
GL4STRI21434	#4 AWG	Stranded	Yes	2	¼"	¾"	Gray
GL4STRI2381	#4 AWG	Stranded	Yes	2	⅜"	1"	Gray
GL4FLXI114	#4 AWG	Flex	Yes	1	¼"	—	Gray
GL4FLXI1516	#4 AWG	Flex	Yes	1	⅝"	—	Gray
GL4FLXI21458	#4 AWG	Flex	Yes	2	¼"	⅝"	Gray
GL4FLXI21458S	#4 AWG	Flex	Yes (Short Barrel)	2	¼"	⅝"	Gray

#2 Ground Lugs



DESCRIPTION

MIROC #2 AWG ground lugs are made from seamless high conductive wrought copper. Electro-tin plated for long lasting corrosion resistance. Made for a variety of hardware sizes, hole spacing and wire types. Color coded brown for #2 AWG crimping die for #2 AWG stranded and flex wire type with recommended crimp areas.

- KEY FEATURES**
- Rated for 600V to 35kV
 - Internally tapered barrel end
 - Available with or without inspection window

#2 Ground Lugs							
PART #	WIRE SIZE	WIRE TYPE	INSPECTION WINDOW	# OF HOLES	BOLT SIZE	SPACING	COLOR CODE
GL2STRI114	#2 AWG	Stranded	Yes	1	1/4"	—	Brown
GL2STR114	#2 AWG	Stranded	No	1	1/4"	—	Brown
GL2STRI114S	#2 AWG	Stranded	Yes (Short Barrel)	1	1/4"	—	Brown
GL2STRI1516	#2 AWG	Stranded	Yes	1	5/16"	—	Brown
GL2STR1516	#2 AWG	Stranded	No	1	5/16"	—	Brown
GL2STRI138	#2 AWG	Stranded	Yes	1	3/8"	—	Brown
GL2STR138	#2 AWG	Stranded	No	1	3/8"	—	Brown
GL2STRI21458	#2 AWG	Stranded	Yes	2	1/4"	5/8"	Brown
GL2STR21458	#2 AWG	Stranded	No	2	1/4"	5/8"	Brown
GL2STRI2145890	#2 AWG	Stranded	Yes (90 Degrees)	2	1/4"	5/8"	Brown
GL2STR2145890	#2 AWG	Stranded	No (90 Degrees)	2	1/4"	5/8"	Brown
GL2STRI21458NT	#2 AWG	Stranded	Yes (Narrow Tang)	2	1/4"	5/8"	Brown
GL2STR21458NT	#2 AWG	Stranded	No (Narrow Tang)	2	1/4"	5/8"	Brown
GL2STRI21434	#2 AWG	Stranded	Yes	2	1/4"	3/4"	Brown
GL2STR21434	#2 AWG	Stranded	No	2	1/4"	3/4"	Brown
GL2STR2143490	#2 AWG	Stranded	No (90 Degree)	2	1/4"	3/4"	Brown
GL2STRI2141	#2 AWG	Stranded	Yes	2	1/4"	1"	Brown
GL2STR2141	#2 AWG	Stranded	No	2	1/4"	1"	Brown

#2 Ground Lugs							
PART #	WIRE SIZE	WIRE TYPE	INSPECTION WINDOW	# OF HOLES	BOLT SIZE	SPACING	COLOR CODE
GL2STRI2381	#2 AWG	Stranded	Yes	2	3/8"	1"	Brown
GL2STR2381	#2 AWG	Stranded	No	2	3/8"	1"	Brown
GL2STRI238U	#2 AWG	Stranded	Yes	2	3/8"	Universal	Brown
GL2STR238U	#2 AWG	Stranded	No	2	3/8"	Universal	Brown
GL2STRI238U90	#2 AWG	Stranded	Yes (90 Degrees)	2	3/8"	Universal	Brown
GL2STR238U90	#2 AWG	Stranded	No (90 Degrees)	2	3/8"	Universal	Brown
GL2STRI212134	#2 AWG	Stranded	Yes	2	1/2"	1 3/4"	Brown
GL2FLXI114	#2 AWG	Flex	Yes	1	1/4"	—	Brown
GL2FLX114	#2 AWG	Flex	No	1	1/4"	—	Brown
GL2FLXI1516S	#2 AWG	Flex	Yes (Short Barrel)	1	5/16"	—	Brown
GL2FLXI138	#2 AWG	Flex	Yes	1	3/8"	—	Brown
GL2FLX138	#2 AWG	Flex	No	1	3/8"	—	Brown
GL2FLXI21458	#2 AWG	Flex	Yes	2	1/4"	5/8"	Brown
GL2FLX21458	#2 AWG	Flex	No	2	1/4"	5/8"	Brown
GL2FLXI21458NT	#2 AWG	Flex	Yes (Narrow Tang)	2	1/4"	5/8"	Brown
GL2FLX21458NT	#2 AWG	Flex	No (Narrow Tang)	2	1/4"	5/8"	Brown
GL2FLXI21434	#2 AWG	Flex	Yes	2	1/4"	3/4"	Brown
GL2FLXI2141	#2 AWG	Flex	Yes	2	1/4"	1"	Brown
GL2FLXI2381	#2 AWG	Flex	Yes	2	3/8"	1"	Brown
GL2FLX2381	#2 AWG	Flex	No	2	3/8"	1"	Brown
GL2FLXI238190	#2 AWG	Flex	Yes (90 Degrees)	2	3/8"	1"	Brown

#2 Solid Ground Lugs



DESCRIPTION

MIROC #2 Solid AWG ground lugs are made from seamless high conductive wrought copper. Electro-tin plated for long lasting corrosion resistance. Made for a variety of hardware sizes, hole spacing and wire types. #2 solid wire type Color coded white for #2 solid AWG crimping die with recommended crimp areas.

KEY FEATURES

- Rated for 600V to 35kV
- Internally tapered barrel end
- Available with or without inspection window

#2 Solid Ground Lugs							
PART #	WIRE SIZE	WIRE TYPE	INSPECTION WINDOW	# OF HOLES	BOLT SIZE	SPACING	COLOR CODE
GL2SLDI138	#2 AWG	Solid	Yes	1	3/8"	—	White
GL2SLDI21458	#2 AWG	Solid	Yes	2	1/4"	5/8"	White
GL2SLD21458	#2 AWG	Solid	No	2	1/4"	5/8"	White
GL2SLDI2381	#2 AWG	Solid	Yes	2	3/8"	1"	White
GL2SLD2381	#2 AWG	Solid	No	2	3/8"	1"	White
GL2SLDI238U	#2 AWG	Solid	Yes	2	3/8"	Universal	White
GL2SLD238U	#2 AWG	Solid	No	2	3/8"	Universal	White

#1 Ground Lugs



DESCRIPTION

MIROC #1 AWG ground lugs are made from seamless high conductive wrought copper. Electro-tin plated for long lasting corrosion resistance. Made for a variety of hardware sizes, hole spacing and wire types. Color coded green for #1 AWG crimping die with recommended crimp areas.

KEY FEATURES

- Rated for 600V to 35kV
- Internally tapered barrel end
- Available with or without inspection window

#1 Ground Lugs							
PART #	WIRE SIZE	WIRE TYPE	INSPECTION WINDOW	# OF HOLES	BOLT SIZE	SPACING	COLOR CODE
GL1STRI21458	#1 AWG	Stranded	Yes	2	1/4"	5/8"	Green
GL1STR21458	#1 AWG	Stranded	No	2	1/4"	5/8"	Green

1/0 Ground Lugs



DESCRIPTION

MIROC 1/0 AWG ground lugs are made from seamless high conductive wrought copper. Electro-tin plated for long lasting corrosion resistance. Made for a variety of hardware sizes, hole spacing and wire types. Color coded pink for 1/0 AWG crimping die with recommended crimp areas.

- KEY FEATURES**
- Rated for 600V to 35kV
 - Internally tapered barrel end
 - Available with or without inspection window

1/0 Ground Lugs							
PART #	WIRE SIZE	WIRE TYPE	INSPECTION WINDOW	# OF HOLES	BOLT SIZE	SPACING	COLOR CODE
GL10STRI114	1/0	Stranded	Yes	1	1/4"	—	Pink
GL10STRI21458	1/0	Stranded	Yes	2	1/4"	5/8"	Pink
GL10STRI21458NT	1/0	Stranded	Yes (Narrow Tang)	2	1/4"	5/8"	Pink
GL10STRI2381	1/0	Stranded	Yes	2	3/8"	1"	Pink
GL10STR2381	1/0	Stranded	No	2	3/8"	1"	Pink
GL10STRI212134	1/0	Stranded	Yes	2	1/2"	1 3/4"	Pink
GL10FLX114	1/0	Flex	No	1	1/4"	—	Pink
GL10FLX1516	1/0	Flex	No	1	5/16"	—	Pink
GL10FLXI21458	1/0	Flex	Yes	2	1/4"	5/8"	Pink
GL10FLX21458	1/0	Flex	No	2	1/4"	5/8"	Pink
GL10FLXI21458S	1/0	Flex	Yes (Short Barrel)	2	1/4"	5/8"	Pink
GL10FLXI2145890	1/0	Flex	Yes (90 Degrees)	2	1/4"	5/8"	Pink
GL10FLXI21458NT	1/0	Flex	Yes (Narrow Tang)	2	1/4"	5/8"	Pink
GL10FLXI21434	1/0	Flex	Yes	2	1/4"	3/4"	Pink
GL10FLXI21434S	1/0	Flex	Yes (Short Barrel)	2	1/4"	3/4"	Pink
GL10FLXI2141	1/0	Flex	Yes	2	1/4"	1"	Pink
GL10FLX215161	1/0	Flex	No	2	5/16"	1"	Pink
GL10FLXI2381	1/0	Flex	Yes	2	3/8"	1"	Pink
GL10FLX2381	1/0	Flex	No	2	3/8"	1"	Pink

2/0 Ground Lugs



DESCRIPTION

MIROC 2/0 AWG ground lugs are made from seamless high conductive wrought copper. Electro-tin plated for long lasting corrosion resistance. Made for a variety of hardware sizes, hole spacing and wire types. Color coded black for 2/0 AWG crimping die with recommended crimp areas.

- KEY FEATURES**
- Rated for 600V to 35kV
 - Internally tapered barrel end
 - Available with or without inspection window

2/0 Ground Lugs							
PART #	WIRE SIZE	WIRE TYPE	INSPECTION WINDOW	# OF HOLES	BOLT SIZE	SPACING	COLOR CODE
GL20STRI21458	2/0	Stranded	Yes	2	1/4"	5/8"	Black
GL20STRI21434	2/0	Stranded	Yes	2	1/4"	3/4"	Black
GL20STRI2381	2/0	Stranded	Yes	2	3/8"	1"	Black
GL20STRI212134	2/0	Stranded	Yes	2	1/2"	1 3/4"	Black
GL20FLXI1516S	2/0	Stranded	Yes (Short Barrel)	1	5/16"	—	Black
GL20FLXI21458	2/0	Stranded	Yes	2	1/4"	5/8"	Black
GL20FLXI21458NT	2/0	Stranded	Yes (Narrow Tang)	2	1/4"	5/8"	Black
GL20FLX21458NT	2/0	Stranded	No (Narrow Tang)	2	1/4"	5/8"	Black
GL20FLXI21434	2/0	Stranded	Yes	2	1/4"	3/4"	Black
GL20FLXI2381	2/0	Stranded	Yes	2	3/8"	1"	Black
GL20FLXI2381S	2/0	Stranded	Yes (Short Barrel)	2	3/8"	1"	Black
GL20FLXI2381NT	2/0	Stranded	Yes (Narrow Tang)	2	3/8"	1"	Black

4/0 Ground Lugs



DESCRIPTION
MIROC 4/0 AWG ground lugs are made from seamless high conductive wrought copper. Electro-tin plated for long lasting corrosion resistance. Made for a variety of hardware sizes, hole spacing and wire types. Color coded purple for 4/0 AWG crimping die with recommended crimp areas.

- KEY FEATURES**
- Rated for 600V to 35kV
 - Internally tapered barrel end
 - Available with or without inspection window

4/0 Ground Lugs							
PART #	WIRE SIZE	WIRE TYPE	INSPECTION WINDOW	# OF HOLES	BOLT SIZE	SPACING	COLOR CODE
GL40STRI21458	4/0	Stranded	Yes	2	¼"	⅝"	Purple
GL40STRI2145890	4/0	Stranded	Yes (90 Degrees)	2	¼"	⅝"	Purple
GL40STRI2381	4/0	Stranded	Yes	2	⅜"	1"	Purple
GL40STR2381	4/0	Stranded	No	2	⅜"	1"	Purple
GL40STRI212175	4/0	Stranded	Yes	2	½"	1 ¾"	Purple
GL40FLXI21458	4/0	Flex	Yes	2	¼"	⅝"	Purple
GL40FLXI2145890	4/0	Flex	Yes (90 Degrees)	2	¼"	⅝"	Purple
GL40FLXI2381	4/0	Flex	Yes	2	⅜"	1"	Purple
GL40FLX2381	4/0	Flex	No	2	⅜"	1"	Purple

500 kcmil Ground Lugs



DESCRIPTION
MIROC 500 kcmil ground lugs are made from seamless high conductive wrought copper. Electro-tin plated for long lasting corrosion resistance. Made for a variety of hardware sizes, hole spacing and wire types. Color coded brown for 500 kcmil crimping die with recommended crimp areas.

- KEY FEATURES**
- Rated for 600V to 35kV
 - Internally tapered barrel end
 - Available with or without inspection window

500 kcmil Ground Lugs							
PART #	WIRE SIZE	WIRE TYPE	INSPECTION WINDOW	# OF HOLES	BOLT SIZE	SPACING	COLOR CODE
GL500I2381	500 kcmil	Stranded	Yes	2	3/8"	1"	Brown
GL500FLXI2381	500 kcmil	Flex	Yes	2	3/8"	1"	Brown
GL500FLXI212134NT	500 kcmil	Flex	Yes	2	1/2"	1-3/4"	Brown

750 kcmil Ground Lugs



DESCRIPTION

MIROC 750 kcmil ground lugs are made from seamless high conductive wrought copper. Electro-tin plated for long lasting corrosion resistance. Made for a variety of hardware sizes, hole spacing and wire types. Color coded black for 750 kcmil crimping die with recommended crimp areas.

KEY FEATURES

- Rated for 600V to 35kV
- Internally tapered barrel end
- Available with or without inspection window

750 kcmil Ground Lugs							
PART #	WIRE SIZE	WIRE TYPE	INSPECTION WINDOW	# OF HOLES	BOLT SIZE	SPACING	COLOR CODE
GL750STRI2381	750 kcmil	Stranded	Yes	2	3/8"	1"	Black

Lug Bond Washer



DESCRIPTION

Bond washers help to reduce resistance between lug and grounding bar. Tight seal helps to prevent corrosion between buss bar and lug.

Lug Bond Washers		
PART #	DESCRIPTION	QTY
WBS381	Bond washer with 1" Lug Spacing	1 Washer
WBS38U	Bond washer with Universal (3/4" – 1") Lug Spacing	1 Washer

Heat Shrink Rolls



DESCRIPTION

Heat shrink is flexible polyolefin tubing that shrinks tightly around objects when heated, preventing ingress on wire connections. Rolls of heat shrink can be trimmed down to a variety of lengths.

KEY FEATURES

- UL approved
- Non Adhesive, 2:1 shrink ratio
- Adhesive, 3:1 shrink ratio
- Available in a variety of colors

Heat Shrink Rolls					
PART #	COLOR	ADHESIVE	SIZE	SHRINK RATIO	QTY
HSBLK14100	Black	Non-Adhesive	1/4" x 100'	2:1	1, 100' Roll
HSABLK38100	Black	Adhesive	3/8" x 100'	3:1	1, 100' Roll
HSBLK38100	Black	Non-Adhesive	3/8" x 100'	2:1	1, 100' Roll
HSABLK12100	Black	Adhesive	1/2" x 100'	3:1	1, 100' Roll
HSBLK12100	Black	Non-Adhesive	1/2" x 100'	2:1	1, 100' Roll
HSBLK34100	Black	Non-Adhesive	3/4" x 100'	2:1	1, 100' Roll
HSACL38100	Clear	Adhesive	3/8" x 100'	3:1	1, 100' Roll
HSCL38100	Clear	Non-Adhesive	3/8" x 100'	2:1	1, 100' Roll
HSCL14100	Clear	Non-Adhesive	1/4" x 100'	2:1	1, 100' Roll
HSACL12100	Clear	Adhesive	1/2" x 100'	3:1	1, 100' Roll
HSCL12100	Clear	Non-Adhesive	1/2" x 100'	2:1	1, 100' Roll
HSCL34100	Clear	Non-Adhesive	3/4" x 100'	2:1	1, 100' Roll
HSCL1100	Clear	Non-Adhesive	1" x 100'	2:1	1, 100' Roll

Additional colors available. Some colors, sizes, and adhesives are not stock items. Please call to confirm lead time.



Heat Shrink 4' Sticks



DESCRIPTION

Heat shrink is flexible polyolefin tubing that shrinks tightly around objects when heated, preventing ingress on wire connections. Sticks come precut at 4' for convenience.

KEY FEATURES

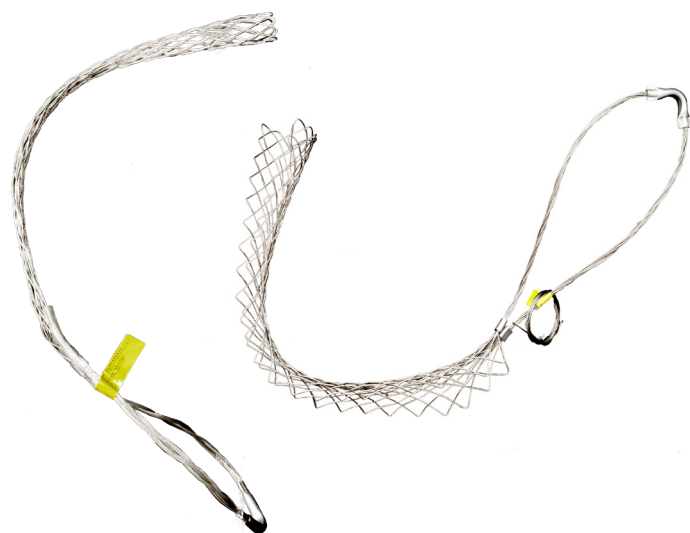
- UL approved
- Non Adhesive, 2:1 shrink ratio
- Adhesive, 3:1 shrink ratio
- Available in a variety of colors

Thin-Wall Heat Shrink Sticks					
PART #	COLOR	ADHESIVE	SIZE	SHRINK RATIO	QTY
HSABLK1848	Black	Adhesive	1⁄8" x 48"	3:1	1, 48" Stick
HSBLK1848	Black	Non-Adhesive	1⁄8" x 48"	3:1	1, 48" Stick
HSABLK1448	Black	Adhesive	1⁄4" x 48"	3:1	1, 48" Stick
HSBLK1448	Black	Non-Adhesive	1⁄4" x 48"	2:1	1, 48" Stick
HSABLK3848	Black	Adhesive	3⁄8" x 48"	3:1	1, 48" Stick
HSBLK3848	Black	Non-Adhesive	3⁄8" x 48"	2:1	1, 48" Stick
HSABLK1248	Black	Adhesive	1⁄2" x 48"	3:1	1, 48" Stick
HSBLK1248	Black	Non-Adhesive	1⁄2" x 48"	2:1	1, 48" Stick
HSABLK3448	Black	Adhesive	3⁄4" x 48"	3:1	1, 48" Stick
HSBLK3448	Black	Non-Adhesive	3⁄4" x 48"	2:1	1, 48" Stick
HSABLK148	Black	Adhesive	1" x 48"	3:1	1, 48" Stick
HSBLK148	Black	Non-Adhesive	1" x 48"	3:1	1, 48" Stick
HSABLK11248	Black	Adhesive	1½" x 48"	3:1	1, 48" Stick
HSBLK11248	Black	Non-Adhesive	1½" x 48"	2:1	1, 48" Stick
HSBLK248	Black	Non-Adhesive	2" x 48"	2:1	1, 48" Stick
HSACL1848	Clear	Adhesive	1⁄8" x 48"	3:1	1, 48" Stick
HSCL1848	Clear	Non-Adhesive	1⁄8" x 48"	2:1	1, 48" Stick
HSACL1448	Clear	Adhesive	1⁄4" x 48"	3:1	1, 48" Stick
HSCL1448	Clear	Non-Adhesive	1⁄4" x 48"	2:1	1, 48" Stick
HSACL3848	Clear	Adhesive	3⁄8" x 48"	3:1	1, 48" Stick
HSCL3848	Clear	Non-Adhesive	3⁄8" x 48"	2:1	1, 48" Stick
HSACL1248	Clear	Adhesive	1⁄2" x 48"	3:1	1, 48" Stick
HSCL1248	Clear	Non-Adhesive	1⁄2" x 48"	2:1	1, 48" Stick
HSACL3448	Clear	Adhesive	3⁄4" x 48"	3:1	1, 48" Stick

Thin-Wall Heat Shrink Sticks					
PART #	COLOR	ADHESIVE	SIZE	SHRINK RATIO	QTY
HSCL3448	Clear	Non-Adhesive	3⁄4" x 48"	2:1	1, 48" Stick
HSACL148	Clear	Adhesive	1" x 48"	3:1	1, 48" Stick
HSCL148	Clear	Non-Adhesive	1" x 48"	2:1	1, 48" Stick
HSACL11248	Clear	Adhesive	1½" x 48"	3:1	1, 48" Stick
HSCL11248	Clear	Non-Adhesive	1½" x 48"	2:1	1, 48" Stick
HSCL248	Clear	Non-Adhesive	2" x 48"	2:1	1, 48" Stick

Medium-Wall Heat Shrink Sticks					
PART #	COLOR	ADHESIVE	SIZE	SHRINK RATIO	QTY
HSRSTV-28/6	Black	Medium-Wall Adhesive-lined Heat Variable	28mm x 48"	3:1	1, 48" Stick
HSRSTV-33/8	Black	Medium-Wall Adhesive-lined Heat Variable	33mm x 48"	3:1	1, 48" Stick
HSRSTV-38.1/12	Black	Medium-Wall Adhesive-lined Heat Variable	38.1mm x 48"	3:1	1, 48" Stick
HSRSTV-43.2/12.7	Black	Medium-Wall Adhesive-lined Heat Variable	43.2mm x 48"	3:1	1, 48" Stick
HSRSTV-55/16	Black	Medium-Wall Adhesive-lined Heat Variable	55mm x 48"	3:1	1, 48" Stick
HSRSM-NF-28/6	Black	Medium-Wall Adhesive-lined Cross-linked Polyolefin	28mm x 48"	3:1	1, 48" Stick
HSRSM-NF-33/8	Black	Medium-Wall Adhesive-lined Cross-linked Polyolefin	33mm x 48"	3:1	1, 48" Stick
HSRSM-NF-38.1/12	Black	Medium-Wall Adhesive-lined Cross-linked Polyolefin	38.1mm x 48"	3:1	1, 48" Stick
HSRSM-NF-43.2/12.7	Black	Medium-Wall Adhesive-lined Cross-linked Polyolefin	43.2mm x 48"	3:1	1, 48" Stick
HSRSM-NF-55/16	Black	Medium-Wall Adhesive-lined Cross-linked Polyolefin	55mm x 48"	3:1	1, 48" Stick

Cable Support Grips



DESCRIPTION

Cable Support Grips are designed to lift and support all types of coaxial cable. Cable Support Grips are available in both Closed Weave (Pre-laced) and Open Weave (Lace-up) design.

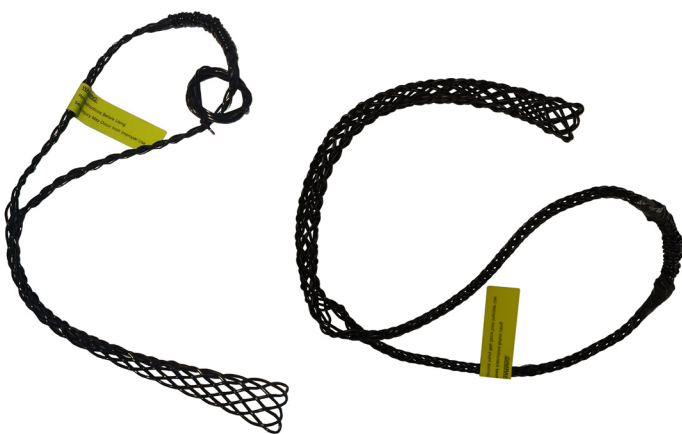
KEY FEATURES

- Available in open weave and closed weave design
- Support clamp included with closed weave grips
- Custom sizes hoisting grips available on request

Hoisting Grips

PART #	CABLE SIZE	WEAVE	QTY
GRIP14O	1/4"	Open Weave	1 Grip
GRIP14C	1/4"	Closed Weave	1 Grip
GRIP38O	3/8"	Open Weave	1 Grip
GRIP38C	3/8"	Closed Weave	1 Grip
GRIP12O	1/2"	Open Weave	1 Grip
GRIP12C	1/2"	Closed Weave	1 Grip
GRIP58O	5/8"	Open Weave	1 Grip
GRIP58C	5/8"	Closed Weave	1 Grip
GRIP78O	7/8"	Open Weave	1 Grip
GRIP78C	7/8"	Closed Weave	1 Grip
GRIP114O	1 1/4"	Open Weave	1 Grip
GRIP114C	1 1/4"	Closed Weave	1 Grip
GRIP371O	37.1mm	Open Weave	1 Grip
GRIP371C	37.1mm	Closed Weave	1 Grip
GRIP158O	1 5/8"	Open Weave	1 Grip
GRIP158C	1 5/8"	Closed Weave	1 Grip
GRIP4450O	44.5mm	Open Weave	1 Grip
GRIP4450C	44.5mm	Closed Weave	1 Grip
GRIP457O	45.7mm	Open Weave	1 Grip
GRIP457C	45.7mm	Closed Weave	1 Grip
GRIP214O	2 1/4"	Open Weave	1 Grip
GRIP214C	2 1/4"	Closed Weave	1 Grip

Fiber Cable Support Grips



DESCRIPTION

Fiber Cable Support Grips are manufactured from coated arimid fiber to reduce PIM interference. Cable Support Grips are available in both Closed Weave (Pre-laced) and Open Weave (Lace-up) design.

KEY FEATURES

- Made from aramid fiber and UV coating
- Available in open weave and closed weave design
- Custom sizes hoisting grips available on request

Fiber Cable Hoisting Grips

PART #	CABLE SIZE	WEAVE	QTY
GRIPFBRB14O	1/4"	Open Weave	1 Grip
GRIPFBRB14C	1/4"	Closed Weave	1 Grip
GRIPFBRB38O	3/8"	Open Weave	1 Grip
GRIPFBRB38C	3/8"	Closed Weave	1 Grip
GRIPFBRB12O	1/2"	Open Weave	1 Grip
GRIPFBRB12C	1/2"	Closed Weave	1 Grip
GRIPFBRB58O	5/8"	Open Weave	1 Grip
GRIPFBRB58C	5/8"	Closed Weave	1 Grip
GRIPFBRB78O	7/8"	Open Weave	1 Grip
GRIPFBRB78C	7/8"	Closed Weave	1 Grip
GRIPFBRB114O	1 1/4"	Open Weave	1 Grip
GRIPFBRB114C	1 1/4"	Closed Weave	1 Grip
GRIPFBRB158O	1 5/8"	Open Weave	1 Grip
GRIPFBRB158C	1 5/8"	Closed Weave	1 Grip
GRIPFBRB214O	2 1/4"	Open Weave	1 Grip
GRIPFBRB214C	2 1/4"	Closed Weave	1 Grip

4.3-10 Termination Loads



DESCRIPTION
Operating frequency band, 0-3GHZ. Cooling fins minimize temperature rise.

KEY FEATURES

- High reliability
- Low VSWR
- Other loads available

4.3/10 Mini DIN Connector Termination Loads			
PART #	WATTS	MALE/FEMALE	QTY
TL2DM4310	2	Male	1 Term Load
TL2DF4310	2	Female	1 Term Load
TL5DM4310	5	Male	1 Term Load
TL5DF4310	5	Female	1 Term Load
TL10DM4310	10	Male	1 Term Load
T10DF4310	10	Female	1 Term Load
TL25DM4310	25	Male	1 Term Load
TL25DF4310	25	Female	1 Term Load
TL50DM4310	50	Male	1 Term Load
TL50DF4310	50	Female	1 Term Load
TL100DM4310	100	Male	1 Term Load
TL100DF4310	100	Female	1 Term Load

N-Connector Termination Loads



DESCRIPTION
Operating frequency band, 0-3GHZ. Cooling fins minimize temperature rise.

KEY FEATURES

- High reliability
- Low VSWR
- Other loads available

N-Connector Termination Loads			
PART #	WATTS	MALE/FEMALE	QTY
TL2NM	2	Male	1 Term Load
TL2NF	2	Female	1 Term Load
TL5NM	5	Male	1 Term Load
TL5NF	5	Female	1 Term Load
TL10NM	10	Male	1 Term Load
T10NF	10	Female	1 Term Load
TL25NM	25	Male	1 Term Load
TL25NF	25	Female	1 Term Load
TL50NM	50	Male	1 Term Load
TL50NF	50	Female	1 Term Load
TL100NM	100	Male	1 Term Load
TL100NF	100	Female	1 Term Load

7/16 Termination Loads



DESCRIPTION
Operating frequency band, 0–3GHZ. Cooling fins minimize temperature rise.

- KEY FEATURES**
- High reliability
 - Low VSWR
 - Other loads available

7/16 DIN Connector Termination Loads			
PART #	WATTS	MALE/FEMALE	QTY
TL2DM	2	Male	1 Term Load
TL2DF	2	Female	1 Term Load
TL5DM	5	Male	1 Term Load
TL5DF	5	Female	1 Term Load
TL10DM	10	Male	1 Term Load
T10DF	10	Female	1 Term Load
TL25DM	25	Male	1 Term Load
TL25DF	25	Female	1 Term Load
TL50DM	50	Male	1 Term Load
TL50DF	50	Female	1 Term Load
TL100DM	100	Male	1 Term Load
TL100DF	100	Female	1 Term Load

End Caps



DESCRIPTION
End caps are protective covers designed to prevent dust, debris, and accidental contact with open terminations.

End Caps		
PART #	DESCRIPTION	QTY
CPN10	Micro DIN Female End Cap	1 Cap
CP4310	4.3–10 DIN Female End Cap	1 Cap
CP716DINF	7–16 DIN Female End Cap	1 Cap
CP225	End Cap Female 2.2–5	1 Cap
CPMRET	Ret Cable Male end cap	1 Cap
CPFRET	Ret Cable Female end cap	1 Cap

RET Cables



DESCRIPTION
RET Cables feed data and power from the controller to the remote electrical tilt system.

KEY FEATURES

- Feed data and power to RET system components
- Remote electrical tilt control cable, IP67 standard
- Connectors AISG output/input
- AISG RET 8 Pin Male to Female Cables
- Custom lengths available

AISG RET Cable		
PART #	LENGTH	QTY
MRET-171-005	0.5m	1 Cable
MRET-171-01	1m	1 Cable
MRET-171-02	2m	1 Cable
MRET-171-03	3m	1 Cable
MRET-171-04	4m	1 Cable
MRET-171-05	5m	1 Cable
MRET-171-06	6m	1 Cable
MRET-171-09	9m	1 Cable
MRET-171-10	10m	1 Cable
MRET-171-15	15m	1 Cable
MRET-171-20	20m	1 Cable
MRET-171-25	25m	1 Cable
MRET-171-30	30m	1 Cable
MRET-171-40	40m	1 Cable
MRET-171-50	50m	1 Cable
MRET-171-60	60m	1 Cable
MRET-171-70	70m	1 Cable
MRET-171-80	80m	1 Cable
MRET-171-90	90m	1 Cable
MRET-171-100	100m	1 Cable

Weatherproofing



DESCRIPTION
Weatherproofing Kits provide a long term seal against the ingress of dust and moisture.

KEY FEATURES

- Protect connectors and splices from the elements
- Suitable for most buried and exposed connections

Weather Proofing Kits		
PART #	DESCRIPTION	QTY
WK3M700612	3M 700 Series Weather Proofing Kit, (6) Butyl Mastic, (1) 2" PVC Tape, (2) 3/4" Tape	1 Pack
WK3M33612	3M 33+ Weather Proofing Kit, (6) Butyl Mastic, (1) 2" Tape, (2) 3/4" Tape	1 Pack
PVCTB0220	2" x 20' PVC Electrical Tape	1 Roll
BTLTB0224	Butyl Mastic 2 1/2" x 24"	1 Roll
TPSFSB11215	Self Fusing Tape 1 1/2" x 15' Black	1 Roll
TPSFCSB11215	Self Fusing Tape 1 1/2" x 15' Black with White Alignment Stripe	1 Roll
KC80	Rubber Tape, 2" x 0.065" x 10' Black	1 Roll

Color Tape



DESCRIPTION

Colored tape is a durable, adhesive tape available in various colors for organizing, labeling, and identifying wires and cables.

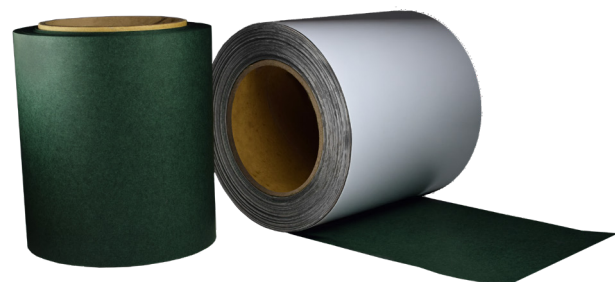
KEY FEATURES

- General Series
- Select Series
- Premium Series

Color Tape					
PART #	SERIES	WIDTH	LENGTH	COLOR	QTY
GTPBLK3460	General	3/4"	60'	Black	1 Roll
GTPWT3460	General	3/4"	60'	White	1 Roll
GTPBL3460	General	3/4"	60'	Blue	1 Roll
GTPBR3460	General	3/4"	60'	Brown	1 Roll
GTPGY3460	General	3/4"	60'	Grey	1 Roll
GTPGR3460	General	3/4"	60'	Green	1 Roll
GTPOR3460	General	3/4"	60'	Orange	1 Roll
GTPRD3460	General	3/4"	60'	Red	1 Roll
GTPPR3460	General	3/4"	60'	Purple	1 Roll
GTPYL3460	General	3/4"	60'	Yellow	1 Roll
GTPPK3460	General	3/4"	60'	Pink	1 Roll
STPBLK3460	Select	3/4"	60'	Black	1 Roll
STPWT3460	Select	3/4"	60'	White	1 Roll
STPBL3460	Select	3/4"	60'	Blue	1 Roll
STPBR3460	Select	3/4"	60'	Brown	1 Roll
STPGY3460	Select	3/4"	60'	Grey	1 Roll
STPGR3460	Select	3/4"	60'	Green	1 Roll
STPOR3460	Select	3/4"	60'	Orange	1 Roll
STPRD3460	Select	3/4"	60'	Red	1 Roll
STPPR3460	Select	3/4"	60'	Purple	1 Roll
STPYL3460	Select	3/4"	60'	Yellow	1 Roll
STPPK3460	Select	3/4"	60'	Pink	1 Roll

Color Tape					
PART #	SERIES	WIDTH	LENGTH	COLOR	QTY
GTPBLK3460	Premium	3/4"	66'	Black	1 Roll
GTPWT3460	Premium	3/4"	66'	White	1 Roll
GTPBL3460	Premium	3/4"	66'	Blue	1 Roll
GTPBR3460	Premium	3/4"	66'	Brown	1 Roll
GTPGY3460	Premium	3/4"	66'	Grey	1 Roll
GTPGR3460	Premium	3/4"	66'	Green	1 Roll
GTPOR3460	Premium	3/4"	66'	Orange	1 Roll
GTPRD3460	Premium	3/4"	66'	Red	1 Roll
GTPPR3460	Premium	3/4"	66'	Purple	1 Roll
GTPYL3460	Premium	3/4"	66'	Yellow	1 Roll

Dielectric Fish Paper



DESCRIPTION

Dielectric fish paper is an insulating material used in electrical applications to provide separation and protection between conductors, preventing electrical shorts and ensuring safe operation.

Fish Paper				
PART #	WIDTH	LENGTH	ADHESIVE	QTY
FP350	3"	50'	No Adhesive	1 Roll
FPA350	3"	50'	Adhesive	1 Roll
FP550	5"	50'	No Adhesive	1 Roll
FPA550	5"	50'	Adhesive	1 Roll

Poly Wax String

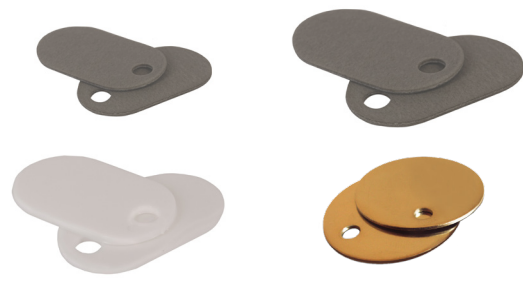


DESCRIPTION

Poly wax string is a durable, wax-coated cord commonly used in electrical applications for bundling wires, providing insulation, and offering resistance to wear and environmental elements. It also is used to affix identification tags.

Poly Wax String			
PART #	PLY	LENGTH	QTY
PSW175	9 Ply	175 Yards	1 Roll

Identification Tags



DESCRIPTION

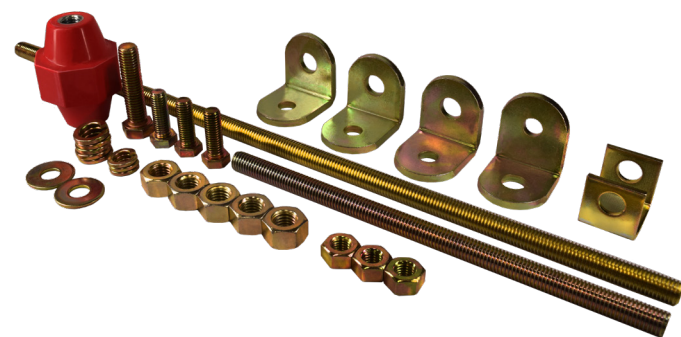
Identification tags are labels used to clearly mark and differentiate cables, aiding in easy identification and organization.

KEY FEATURES

- Made to conform to A&E specifications

Color Tape		
PART #	DESCRIPTION	QTY
FTGM145C	Mini-Gray Fiber, 145C Tag	1 Pack 100
FTGF145P	Gray Fiber, 145P Tag	1 Pack 100
FTWP145P	White Plastic, 145P Tag	1 Pack 100
FTG11PS	Gray Fiber Tag with 11" Poly Wax String	1 Pack 25
FTGM11PS	Gray Mini Fiber Tag with 11" Poly Wax String	1 Pack 25
FTW11PS	White Fiber Tag with 11" Poly Wax String	1 Pack 25

Universal Equipment Rack Stabilizer



DESCRIPTION

A universal equipment rack stabilizer is a versatile device designed to enhance the stability and support of equipment racks, preventing tipping and ensuring secure placement of hardware.

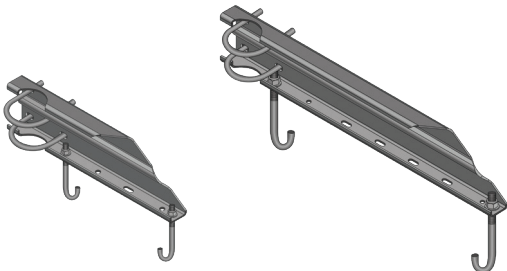
KEY FEATURES

- Yellow zinc finish
- Components available individually
- Universal design

Universal Equipment Rack Stabilizer Hardware		
PART #	DESCRIPTION	QTY
AYZ	Yellow Zinc Angle (Elephant Ear)	4
BUYZ	Yellow Zinc U Bracket	1
TRYZ5812	Yellow Zinc 5/8" X 12" Threaded Rod	1
TRYZ5824	Yellow Zinc 5/8" X 24" Threaded Rod	1
BYZ121716	Yellow Zinc 1/2" X 1 1/4" Bolt	3
NYZ12	Yellow Zinc 1/2" Nut	3
WLYZ12	Yellow Zinc 1/2" Split Lock Washer	3
WFYZ12	Yellow Zinc 1/2" Flat Washer	2
BYZ582	Yellow Zinc 5/8" X 2" Bolt	1
NYZ58	Yellow Zinc 5/8" Nut	5
NLYZ58	Yellow Zinc 5/8" Split Lock Washer	5
BBIB58	5/8" Tapped Insulator	1

Universal Equipment Rack Stabilizer Kit		
PART #	DESCRIPTION	QTY
SEISMICKIT	Universal Equipment Rack Stabilizer Kit (Includes all hardware listed above)	1 Kit

Bridge Support Brackets



DESCRIPTION

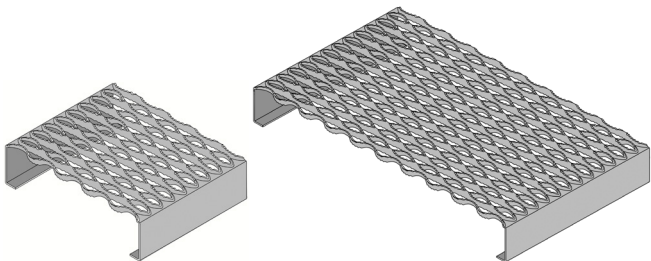
Bridge support brackets are durable mounting components used to securely support and stabilize safety grating to bridge posts.

KEY FEATURES

- Hot dipped galvanized
- Compatible with 5", 12" and 24" safety grating

Single Post Support Bracket		
PART #	DESCRIPTION	QTY
BSSJB5-HK	5" Single Post Bridge Support Hardware Kit	Kit of 2
BSSJB12-HK	12" Single Post Bridge Support Hardware Kit	Kit of 2
BSSJB24-HK	24" Single Post Bridge Support Hardware Kit	Kit of 2

Safety Grating



DESCRIPTION

Safety grating is designed to protect and support cable.

KEY FEATURES

- 12 Gauge
- 3" deep channel
- Galvanized steel

Safety Grating		
PART #	DESCRIPTION	QTY
SG05120	5" x 10' Safety Grating	1, 10' Stick
SG12120	12" x 10' Safety Grating	1, 10' Stick
SG24120	24" x 10' Safety Grating	1, 10' Stick
SG24144	24" x 12' Safety Grating	1, 12' Stick

Bridge Posts

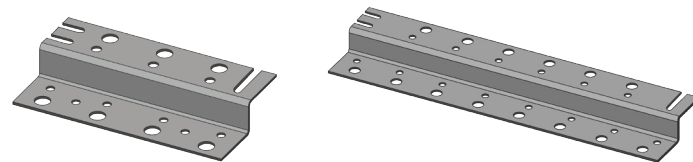


DESCRIPTION

Bridge posts are supports used to elevate and secure safety grating.

Bridge Posts		
PART #	DESCRIPTION	QTY
BPB312158	Bridge Post, Direct Burial, 3½" OD x 13'-6"	1 Post
BPS312126	Bridge Post, Base Shoe, 3½" OD x 10'-6"	1 Post

Hot Dipped Galvanized Brackets

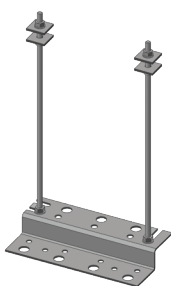


ZB12

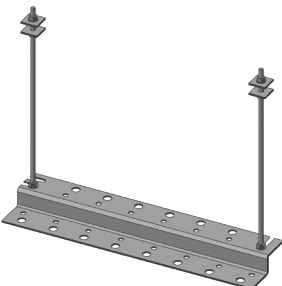
ZB24

DESCRIPTION

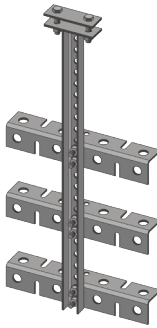
Hot Dipped Galvanized Brackets are durable, corrosion-resistant mounts used to securely support cable runs.



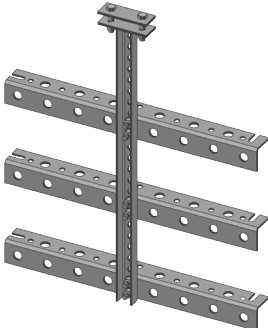
ZB12A



ZB24A



TB12A



TB24A

Bracket Kits		
PART #	DESCRIPTION	QTY
ZB12	12" Z-Bracket	1 Z-Bracket
ZB12A	12" Z-Bracket Assembly	1 Assembly
ZB24	24" Z-Bracket	1 Z-Bracket
ZB24A	24" Z-Bracket Assembly	1 Assembly
TB12A	12" T-Bracket Assembly 3 T-Bracket (Triple T)	1 Assembly
TB24A	24" T-Bracket Assembly 3 T-Bracket (Triple T)	1 Assembly

Galvanized Pipe



DESCRIPTION

Galvanized pipe is a corrosion-resistant support used for a variety of applications on a cell site.

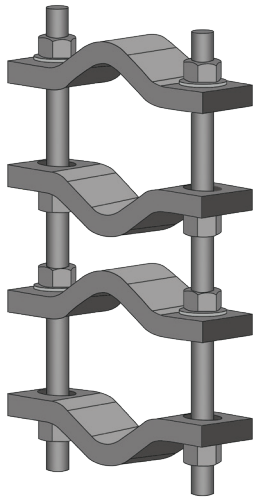
KEY FEATURES

- Hot dipped galvanized
- Schedule 40
- Other sizes available on request

Galvanized Pipe				
PART #	OD inches (mm)	Length inches (m)	Order Multiples	QTY
PG1924	1.9" (48.3mm)	24" (0.6m)	12	1 Stick
PG23836	2 ⅜" (60.3mm)	36" (0.9m)	7	1 Stick
PG23848	2 ⅜" (60.3mm)	48" (1.2m)	6	1 Stick
PG23860	2 ⅜" (60.3mm)	60" (1.5m)	4	1 Stick
PG23872	2 ⅜" (60.3mm)	72" (1.8m)	4	1 Stick
PG23884	2 ⅜" (60.3mm)	84" (2.1m)	3	1 Stick
PG23896	2 ⅜" (60.3mm)	96" (2.4m)	3	1 Stick
PG238108	2 ⅜" (60.3mm)	108" (2.7m)	2	1 Stick
PG238126	2 ⅜" (60.3mm)	126" (3.2m)	2	1 Stick
PG238154	2 ⅜" (60.3mm)	154" (3.9m)	1	1 Stick
PG238160	2 ⅜" (60.3mm)	160" (4.0m)	1	1 Stick
PG238170	2 ⅜" (60.3mm)	170" (4.3m)	1	1 Stick
PG238174	2 ⅜" (60.3mm)	174" (4.4m)	1	1 Stick
PG238196	2 ⅜" (60.3mm)	196" (5.0m)	1	1 Stick
PG238252	2 ⅜" (60.3mm)	252" (6.4m)	1	1 Stick
PG27836	2 ⅞" (73.0mm)	36" (0.9m)	7	1 Stick
PG27848	2 ⅞" (73.0mm)	48" (1.2m)	6	1 Stick
PG27872	2 ⅞" (73.0mm)	72" (1.8m)	4	1 Stick
PG27896	2 ⅞" (73.0mm)	96" (2.4m)	3	1 Stick
PG278108	2 ⅞" (73.0mm)	108" (2.7m)	2	1 Stick
PG278120	2 ⅞" (73.0mm)	120" (3.0m)	2	1 Stick
PG278126	2 ⅞" (73.0mm)	126" (3.2m)	2	1 Stick
PG278150	2 ⅞" (73.0mm)	150" (3.8m)	1	1 Stick
PG278180	2 ⅞" (73.0mm)	180" (4.6m)	1	1 Stick
PG278192	2 ⅞" (73.0mm)	192" (4.9m)	1	1 Stick
PG278198	2 ⅞" (73.0mm)	198" (5.0m)	1	1 Stick

Galvanized Pipe				
PART #	OD inches (mm)	Length inches (m)	Order Multiples	QTY
PG31236	3 ½" (88.9mm)	36" (0.9m)	1	1 Stick
PG31248	3 ½" (88.9mm)	48" (1.2m)	7	1 Stick
PG31260	3 ½" (88.9mm)	60" (1.5m)	6	1 Stick
PG31296	3 ½" (88.9mm)	96" (2.4m)	4	1 Stick
PG312120	3 ½" (88.9mm)	120" (3.0m)	3	1 Stick
PG312126	3 ½" (88.9mm)	126" (3.2m)	2	1 Stick
PG312150	3 ½" (88.9mm)	150" (3.8m)	2	1 Stick
PG312180	3 ½" (88.9mm)	180" (4.6m)	1	1 Stick
PG41296	4 ½" (114.3mm)	96" (2.4m)	3	1 Stick
PG412150	4 ½" (114.3mm)	150" (3.8m)	1	1 Stick

Pipe-to-Pipe Clamps

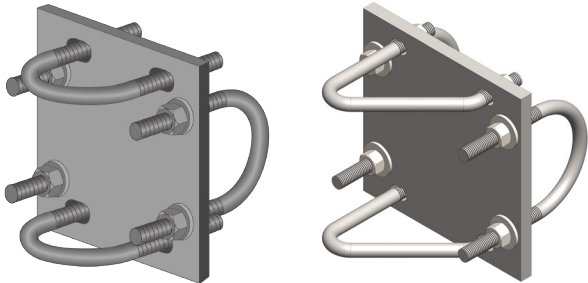


DESCRIPTION
Pipe-to-pipe clamps are used to join and stabilize intersecting pipes, ensuring proper alignment.

- KEY FEATURES**
- Hot dipped galvanized
 - Hardware included

Pipe to Pipe Clamp Kits			
PART #	OD	CLAMP THICKNESS	QTY
PP14112312	1½" to 3½"	¼"	1 Kit
PP12112312	1½" to 3½"	½"	1 Kit

Crossover Plates

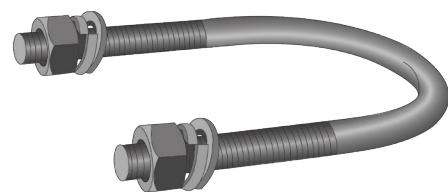


DESCRIPTION
A crossover plate allows pipes or pipe and angle to be secured perpendicular to each other.

- KEY FEATURES**
- Hot dipped galvanized
 - ⅜" thick plate
 - Hardware included

Crossover Plates		
PART #	DESCRIPTION	QTY
CP238238	Crossover Plate, 2⅜" OD to 2⅜" OD	1 Kit
CP238278	Crossover Plate, 2⅜" OD to 2⅞" OD	1 Kit
CP278278	Crossover Plate, 2⅞" OD to 2⅞" OD	1 Kit
CP312238	Crossover Plate, 3½" OD to 2⅜" OD	1 Kit
PA23833	Pipe to Angle Crossover Plate, 2⅜" pipe, 3"x3" Angle	Kit of 2

U-Bolt Assemblies



DESCRIPTION

A U-bolt assembly is used to clamp, support, and stabilize pipes or equipment in various infrastructure installations. U-Bolt assemblies include 2 nuts, 2 lock washers and 2 flat washers.

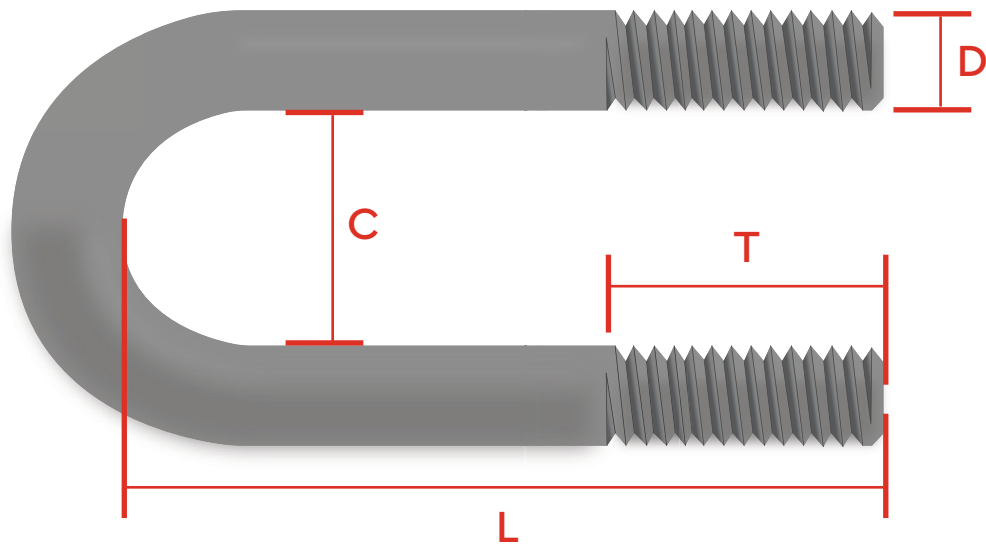
KEY FEATURES

- Hot dipped galvanized

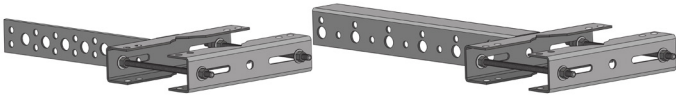
U-Bolt Assemblies					
PART #	DIAMETER	THROAT	LENGTH	THREAD	QTY
BUGA38212358	3/8"	2 1/2"	3 5/8"	1 3/4"	1 U-Bolt Assembly
BUGA382124	3/8"	2 1/2"	4"	2"	1 U-Bolt Assembly
BUGA122124	1/2"	2 1/2"	4"	2"	1 U-Bolt Assembly
BUGA12212412	1/2"	2 1/2"	4 1/2"	2"	1 U-Bolt Assembly
BUGA1235	1/2"	3"	5"	2"	1 U-Bolt Assembly
BUGA123525	1/2"	3"	5 1/4"	2"	1 U-Bolt Assembly
BUGA12358512	1/2"	3 5/8"	5 1/2"	3"	1 U-Bolt Assembly

U-Bolt Dimensions

D x C x L x T



T-Bracket Mount



DESCRIPTION

T-bracket mounts are used to attach cable to a round or angle member.

KEY FEATURES

- Hot dipped galvanized
- Hardware included
- Compatible with round and angle members

T-Bracket Mount		
PART #	DESCRIPTION	QTY
CTB1310	T-Bracket Mount, 13 Runs with 10" Rods	1 Kit
CTB2410	T-Bracket Mount, 22 Runs with 10" Rods	1 Kit

Non-Penetrating Roof Mount



DESCRIPTION

A non-penetrating roof mount is a stable, weight-balanced support structure designed to securely hold antennas, cables, or equipment on rooftops without drilling or damaging the surface. Roof mounts include all hardware.

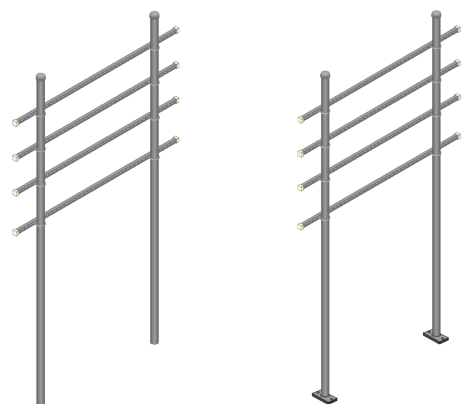
KEY FEATURES

- Hot dipped galvanized
- Ballast not included
- Available in standard and light weight models
- 1/8" and 1/2" roof mount pads available

Single Non Penetrating Roof Mount		
PART #	DESCRIPTION	QTY
RMBS72	Non Pen Roof Mount, Single 2 3/8" x 72 " Pipe	1 Kit
RMBSL72	Light Weight Non Pen Roof Mount, Single 1.34" x 72 " Pipe	1 Kit

Non Penetrating Roof Mount Pads		
PART #	DESCRIPTION	QTY
RMP183642	1/8" Thick Roof Mount Pad, 36" x 42" (1 pad required)	1 Pad
RMP121848	1/2" Thick Roof Mount Pad, 18" x 48" (2 pads required)	1 Pad

H-Frames



DESCRIPTION

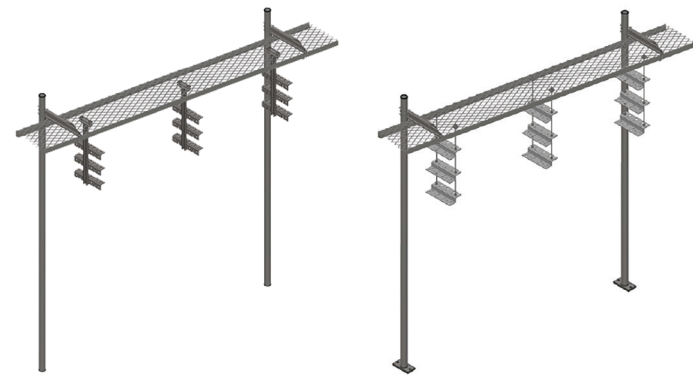
H-Frames are durable support structures designed to securely mount and organize boxes, meters, etc. H-Frames includes 4, 10' sticks of HDG slotted strut with white end caps, pipe caps and u-bolts.

KEY FEATURES

- All hardware included
- Direct burial and base shoe options
- Custom sizes/configurations available on request

H-Frame		
PART #	DESCRIPTION	QTY
HFD4	4 Level H-Frame Direct Burial	1 Kit
HFS4	4 Level H-Frame Base Shoe	1 Kit

12" Bridge Kits



DESCRIPTION

A Bridge Kit is used to protect and support cable runs from falling debris. Bridge kits include brackets and all hardware.

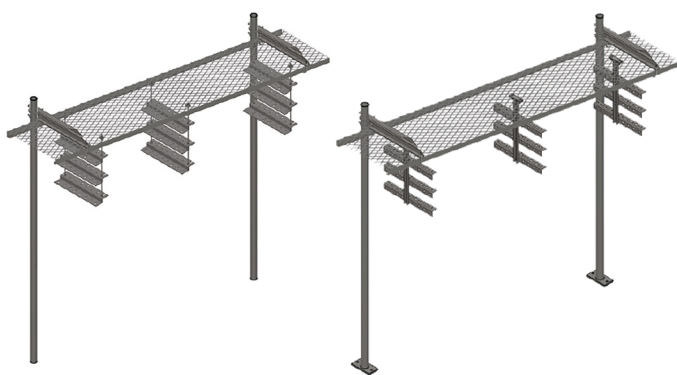
KEY FEATURES

- 12 Gauge safety grating
- Available without trapeze and z-brackets

12" Bridge Kits with Z-Brackets		
PART #	DESCRIPTION	QTY
CB12D3Z	Cable Bridge Direct Burial, 12" x 10' (3 Z-Brackets)	1 Kit
CB12S3Z	Cable Bridge Base Shoe, 12" x 10' (3 Z-Brackets)	1 Kit

12" Bridge Kits with Triple T-Brackets		
PART #	DESCRIPTION	QTY
CB12DTB	Cable Bridge Direct Burial, 12" x 10' (3 Triple T-Brackets)	1 Kit
CB12STB	Cable Bridge Base Shoe, 12" x 10' (3 Triple T-Brackets)	1 Kit

24" Bridge Kits



DESCRIPTION

A Bridge Kit is used to protect and support cable runs from falling debris. Bridge kits include brackets and all hardware.

KEY FEATURES

- 12 Gauge safety grating
- Available without trapeze and z-brackets

24" Bridge Kits with Z-Brackets		
PART #	DESCRIPTION	QTY
CB24D3Z	Cable Bridge Direct Burial, 24" x 10' (3 Z-Brackets)	1 Kit
CB24S3Z	Cable Bridge Base Shoe, 24" x 10' (3 Z-Brackets)	1 Kit

24" Bridge Kits with Triple T-Brackets		
PART #	DESCRIPTION	QTY
CB24DTB	Cable Bridge Direct Burial, 24" x 10' (3 Triple T-Brackets)	1 Kit
CB24STB	Cable Bridge Base Shoe, 24" x 10' (3 Triple T-Brackets)	1 Kit



Strut Channel



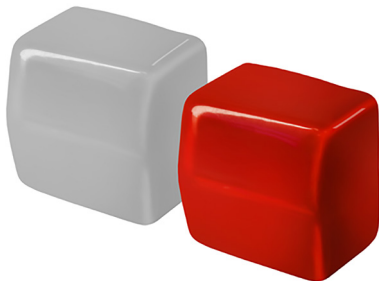
DESCRIPTION

Strut channel is a versatile framing system used to support and secure cables. We offer full customization to meet your specific design needs, ensuring a perfect fit for any project

KEY FEATURES

- Commercial grade
- Standard 2" hole spacing. Custom spacing available on request.
- **Perforation options:** oblong slot, round hole, knock out, solid, and custom.
- **Finish options:** pre-galvanized steel, plain steel, hot dipped galvanized steel, aluminum, gold-zinc trivalent chromium, 304 stainless steel, 316 stainless steel, and powder coated (green, white, grey, black).
- **Welding options:** back to back, side to side, side to back, and custom combinations.

Strut End Caps



DESCRIPTION

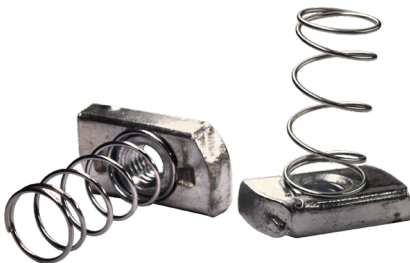
Strut channel end caps are protective fittings designed to cover the open ends of strut channel.

KEY FEATURES

- Caps for deep and shallow strut
- Available in red and white
- Other styles and colors available on request

Strut End Caps			
PART #	SIZE	COLOR	QTY
CAPS78	7/8" Strut	WHITE	1 Cap
CAPS158	1 5/8" Strut	WHITE	1 Cap
CAPS78R	7/8" Strut	RED	1 Cap
CAPS158R	1 5/8" Strut	RED	1 Cap

Spring Nuts



DESCRIPTION

Spring nuts are specialized fasteners with a built-in spring mechanism designed to securely attach threaded rod, conduit, and equipment to strut channels for reliable support.

KEY FEATURES

- Compatible with deep strut
- Available in hot dipped galvanized
- Other sizes and finishes available on request

Zinc Spring Nuts			
PART #	SIZE	MATERIAL	QTY
SPRNZ14	1/4"	Zinc Plated	1 Spring Nut
SPRNZ38	3/8"	Zinc Plated	1 Spring Nut
SPRNZ12	1/2"	Zinc Plated	1 Spring Nut

Square Washers for Strut Channel



DESCRIPTION

Square washers are designed to secure hardware to strut channel.

KEY FEATURES

- Available in hot dipped galvanized
- Other sizes and finishes available on request

Square Washers				
PART #	HOLE	SIZE	MATERIAL	QTY
WSQZ14	1/4"	1 5/8" x 1 5/8"	Zinc Plated	1 Square Washer
WSQZ38	3/8"	1 5/8" x 1 5/8"	Zinc Plated	1 Square Washer
WSQZ12	1/2"	1 5/8" x 1 5/8"	Zinc Plated	1 Square Washer



Wedge Anchors



DESCRIPTION

Wedge anchors are heavy-duty fasteners used to securely anchor equipment, strut channel, and supports to concrete surfaces.

KEY FEATURES

- Hardware included
- Available in hot dipped galvanized, zinc, and other specialty finishes

Wedge Anchors			
PART #	SIZE	MATERIAL	QTY
WAZ12334	1/2" x 3 3/4"	Zinc Plated	1 Wedge Anchor
WAZ12412	1/2" x 4 1/2"	Zinc Plated	1 Wedge Anchor
WAZ586	5/8" x 6"	Zinc Plated	1 Wedge Anchor

Stainless Steel Fender Washers



DESCRIPTION

Fender washers are wide-diameter fasteners designed to distribute load over a larger surface area.

KEY FEATURES

- Available in hot dipped galvanized, yellow zinc, zinc, and other specialty finishes

Stainless Steel Fender Washers			
PART #	SIZE	MATERIAL	QTY
WFS141	1/4" x 1"	Stainless Steel	1 Fender Washer
WFS381	3/8" x 1"	Stainless Steel	1 Fender Washer
WFS38118	3/8" x 1 1/8"	Stainless Steel	1 Fender Washer
WFS38114	3/8" x 1 1/4"	Stainless Steel	1 Fender Washer
WFS38112	3/8" x 1 1/2"	Stainless Steel	1 Fender Washer

Stainless Steel Flat Washers



DESCRIPTION

Flat washers are fasteners that distribute load, reduce friction, and enhance stability.

KEY FEATURES

- Hardware sold individually and packs of 100 (For 100 packs, use "-100" at end of part number)
- Available in hot dipped galvanized, yellow zinc, zinc, and other specialty finishes

Stainless Steel Flat Washers			
PART #	SIZE	MATERIAL	QTY
WFS14	1/4"	Stainless Steel	1 Flat Washer
WFS38	3/8"	Stainless Steel	1 Flat Washer
WFS38S	3/8" Small OD	Stainless Steel	1 Flat Washer
WFS716	7/16"	Stainless Steel	1 Flat Washer
WFS12	1/2"	Stainless Steel	1 Flat Washer

Stainless Steel Lock Washers



DESCRIPTION

Lock washers are specialized fasteners designed to prevent loosening, absorb vibration, and enhance the security of bolts and connections.

KEY FEATURES

- Hardware sold individually and packs of 100 (For 100 packs, use "-100" at end of part number)
- Available in hot dipped galvanized, yellow zinc, zinc, and other specialty finishes

Stainless Steel Lock Washers			
PART #	SIZE	MATERIAL	QTY
WLS14	1/4"	Stainless Steel	1 Lock Washer
WLS38	3/8"	Stainless Steel	1 Lock Washer
WLS716	7/16"	Stainless Steel	1 Lock Washer
WLS12	1/2"	Stainless Steel	1 Lock Washer
WLS58	5/8"	Stainless Steel	1 Lock Washer
WLS78	7/8"	Stainless Steel	1 Lock Washer

Stainless Steel Toothed Washers



DESCRIPTION

Toothed washers are locking fasteners with serrated edges that provide enhanced grip, prevent loosening, and ensure secure connections.

KEY FEATURES

- Available in hot dipped galvanized, yellow zinc, zinc, and other specialty finishes
- Metric sizes available
- Hardware sold individually and packs of 100 (For 100 packs, use "-100" at end of part number)

Stainless Steel Toothed Washers			
PART #	SIZE	MATERIAL	QTY
WTS14	1/4"	Stainless Steel	1 Toothed Washer
WTS38	3/8"	Stainless Steel	1 Toothed Washer

Stainless Steel Hex Nuts



DESCRIPTION

Hex nuts are six-sided fasteners used to securely tighten bolts and threaded rods.

KEY FEATURES

- Available in hot dipped galvanized, yellow zinc, zinc, and other specialty finishes
- Hardware sold individually and packs of 100 (For 100 packs, use "-100" at end of part number)

Stainless Steel Hex Nuts			
PART #	SIZE	MATERIAL	QTY
NS14	1/4"	Stainless Steel	1 Hex Nut
NS38	3/8"	Stainless Steel	1 Hex Nut
NS716	7/16"	Stainless Steel	1 Hex Nut
NS34	3/4"	Stainless Steel	1 Hex Nut
NS78	7/8"	Stainless Steel	1 Hex Nut

Stainless Steel Hex Bolts



DESCRIPTION

Hex bolts are six-sided fasteners designed to securely anchor equipment.

KEY FEATURES

- Available in hot dipped galvanized, yellow zinc, zinc, and other specialty finishes
- Metric sizes available

Stainless Steel Hex Bolts						
PART #	DIAMETER	UNC	LENGTH	THREADING	MATERIAL	QTY
BS1434FT	1/4"	20	3/4"	Fully Threaded	Stainless Steel	1 Hex Bolt
BS141FT	1/4"	20	1"	Fully Threaded	Stainless Steel	1 Hex Bolt
BS14114FT	1/4"	20	1 1/4"	Fully Threaded	Stainless Steel	1 Hex Bolt
BS14112FT	1/4"	20	1 1/2"	Fully Threaded	Stainless Steel	1 Hex Bolt
BS3834FT	3/8"	16	3/4"	Fully Threaded	Stainless Steel	1 Hex Bolt
BS381FT	3/8"	16	1"	Fully Threaded	Stainless Steel	1 Hex Bolt
BS38114FT	3/8"	16	1 1/4"	Fully Threaded	Stainless Steel	1 Hex Bolt
BS38112FT	3/8"	16	1 1/2"	Fully Threaded	Stainless Steel	1 Hex Bolt
BS383FT	3/8"	16	3"	Fully Threaded	Stainless Steel	1 Hex Bolt
BS38312FT	3/8"	16	3 1/2"	Fully Threaded	Stainless Steel	1 Hex Bolt
BS384FT	3/8"	16	4"	Fully Threaded	Stainless Steel	1 Hex Bolt
BS5163FT	5/16"	18	3"	Fully Threaded	Stainless Steel	1 Hex Bolt
BS12134FT	1/2"	13	1 3/4"	Fully Threaded	Stainless Steel	1 Hex Bolt
BS581FT	5/8"	11	1"	Fully Threaded	Stainless Steel	1 Hex Bolt
BS78212FT	7/8"	9	2 1/2"	Fully Threaded	Stainless Steel	1 Hex Bolt



Adapter Hardware



DESCRIPTION

Adapter hardware is used to secure cable management products to adapters.

KEY FEATURES

- Hardware sold individually and packs of 100 (For 100 packs, use "-100" at end of part number)

Stainless Steel Adapter Hardware		
PART #	DESCRIPTION	QTY
HKAA38	3/8" Stainless Steel Hardware Kit for Angle Adapters and Stand-Offs	1 Pack of 10
HKUI	3/8" Tapped Universal Insert Kit for Angle Adapters and Stand-Offs	1 Pack of 10
HKSUI	3/8" Tapped Universal Insert Kit w/ Fillister Head, Screw & Star Washer	1 Pack of 10

Stainless Steel Threaded Rod



DESCRIPTION

Threaded rod is a versatile, fully threaded fastener.

KEY FEATURES

- Sold individually and packs of 10
- Additional sizes available on request

Stainless Steel Threaded Rod				
PART #	DIAMETER	UNC	LENGTH	QTY
TRS3804	3/8"	16	4"	1 Rod
TRS3806	3/8"	16	6"	1 Rod
TRS3808	3/8"	16	8"	1 Rod
TRS3810	3/8"	16	10"	1 Rod
TRS3812	3/8"	16	12"	1 Rod
TRS3824	3/8"	16	24"	1 Rod
TRS3836	3/8"	16	36"	1 Rod
TRS3872	3/8"	16	72"	1 Rod
TRS38144	3/8"	16	144"	1 Rod

Galvanized Threaded Rod



DESCRIPTION

Threaded rod is a versatile, fully threaded fastener.

KEY FEATURES

- Sold individually and packs of 10

Galvanized Threaded Rod				
PART #	DIAMETER	UNC	LENGTH	QTY
TRG3804	3/8"	16	4"	1 Rod
TRG3806	3/8"	16	6"	1 Rod
TRG3808	3/8"	16	8"	1 Rod
TRG3810	3/8"	16	10"	1 Rod
TRG3812	3/8"	16	12"	1 Rod
TRG3824	3/8"	16	24"	1 Rod
TRG3836	3/8"	16	36"	1 Rod
TRG3872	3/8"	16	72"	1 Rod
TRG38120	3/8"	16	120"	1 Rod
TRG38144	3/8"	16	144"	1 Rod

Mounting Bracket



DESCRIPTION

Threaded rod mounting brackets are a secure support component designed to anchor and stabilize threaded rods.

KEY FEATURES

- Sold individually and packs of 10

Threaded Rod Mounting Bracket		
PART #	DESCRIPTION	QTY
TRMB38	Threaded Rod Mounting Bracket 3/8"	1 Pack of 10

Stainless Steel Threaded Rod Kit



DESCRIPTION

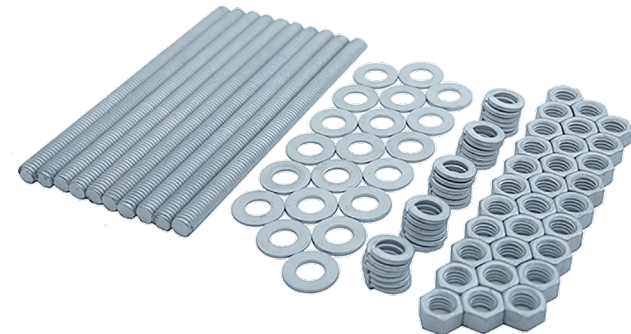
Threaded rod kits are designed to include everything needed to secure equipment to threaded rod.

KEY FEATURES

- Threaded Rod Kits include 10 threaded rods, 30 nuts, 30 lock washers and 20 flat washers.

Stainless Steel Threaded Rod Hardware Kits				
PART #	DIAMETER	UNC	LENGTH	QTY
TRHKS3804	3/8"	16	4"	1 Pack of Rods w/ Hardware
TRHKS3806	3/8"	16	6"	1 Pack of Rods w/ Hardware
TRHKS3808	3/8"	16	8"	1 Pack of Rods w/ Hardware
TRHKS3810	3/8"	16	10"	1 Pack of Rods w/ Hardware
TRHKS3812	3/8"	16	12"	1 Pack of Rods w/ Hardware
TRHKS3824	3/8"	16	24"	1 Pack of Rods w/ Hardware
TRHKS51605	5/16"	18	5"	1 Pack of Rods w/ Hardware

Galvanized Threaded Rod Kit



DESCRIPTION

Threaded rod kits are designed to include everything needed to secure equipment to threaded rod.

KEY FEATURES

- Threaded Rod Kits include 10 threaded rods, 30 nuts, 30 lock washers and 20 flat washers.

Galvanized Threaded Rod Hardware Kits				
PART #	DIAMETER	UNC	LENGTH	QTY
TRHKG3804	3/8"	16	4"	1 Pack of Rods w/ Hardware
TRHKG3806	3/8"	16	6"	1 Pack of Rods w/ Hardware
TRHKG3808	3/8"	16	8"	1 Pack of Rods w/ Hardware
TRHKG3810	3/8"	16	10"	1 Pack of Rods w/ Hardware
TRHKG3812	3/8"	16	12"	1 Pack of Rods w/ Hardware
TRHKG5812	5/8"	11	12"	1 Pack of Rods w/ Hardware

Threaded Rod Caps



DESCRIPTION

Threaded rod caps are protective covers designed to fit over the ends of threaded rods, preventing damage, corrosion, and ensuring safety by eliminating sharp edges.

Threaded Rod Caps		
PART #	DESCRIPTION	QTY
CAPR38B	Cap, Rod, 3/8" Black	1 Cap
CAPR38R	Cap, Rod, 3/8" Red	1 Cap

Threaded Rod Cross Adapter



DESCRIPTION

Threaded rod cross adapters are nylon adapters used to fasten perpendicular threaded rods.

Threaded Rod Cross Adapter		
PART #	DESCRIPTION	QTY
CAN38	Tapped 3/8" Holes	5 Pack

Square Head Machine Bolts



DESCRIPTION
Square head machine bolts are manufactured from high quality steel hot-dipped galvanized finish. Cone points for easy driving without damage to threads.

KEY FEATURES

- Hot-dipped galvanized
- 1/2", 5/8", 3/4" ODs
- Bolts sold with one square nut
- Additional sizes available upon request

Square Head Machine Bolts				
PART #	DIAMETER	UNC	LENGTH	QTY
SHMBG1208	1/2"	13	8"	1 Bolt
SHMBG1209	1/2"	13	9"	1 Bolt
SHMBG1210	1/2"	13	10"	1 Bolt
SHMBG1212	1/2"	13	12"	1 Bolt
SHMBG1214	1/2"	13	14"	1 Bolt
SHMBG1216	1/2"	13	16"	1 Bolt
SHMBG5808	5/8"	11	8"	1 Bolt
SHMBG5810	5/8"	11	10"	1 Bolt
SHMBG5812	5/8"	11	12"	1 Bolt
SHMBG5814	5/8"	11	14"	1 Bolt
SHMBG5816	5/8"	11	16"	1 Bolt
SHMBG5818	5/8"	11	18"	1 Bolt
SHMBG5820	5/8"	11	20"	1 Bolt
SHMBG5822	5/8"	11	22"	1 Bolt
SHMBG5824	5/8"	11	24"	1 Bolt
SHMBG3408	3/4"	10	8"	1 Bolt
SHMBG3410	3/4"	10	10"	1 Bolt
SHMBG3412	3/4"	10	12"	1 Bolt
SHMBG3414	3/4"	10	14"	1 Bolt
SHMBG3416	3/4"	10	16"	1 Bolt
SHMBG3418	3/4"	10	18"	1 Bolt
SHMBG3420	3/4"	10	20"	1 Bolt
SHMBG3422	3/4"	10	22"	1 Bolt
SHMBG3424	3/4"	10	24"	1 Bolt

Double Arming Bolts



DESCRIPTION
Double arming bolts are manufactured from high quality steel, hot-dipped galvanized finish. Cone points for easy driving without damage to threads.

KEY FEATURES

- Hot-dipped galvanized
- 5/8" and 3/4" ODs
- Bolts sold with four square nuts
- Additional sizes available upon request

Double Arming Bolts				
PART #	DIAMETER	UNC	LENGTH	QTY
DABG5812	5/8"	11	12"	1 Bolt
DABG5814	5/8"	11	14"	1 Bolt
DABG5816	5/8"	11	16"	1 Bolt
DABG5818	5/8"	11	18"	1 Bolt
DABG5820	5/8"	11	20"	1 Bolt
DABG3412	3/4"	10	12"	1 Bolt
DABG3414	3/4"	10	14"	1 Bolt
DABG3416	3/4"	10	16"	1 Bolt
DABG3418	3/4"	10	18"	1 Bolt
DABG3420	3/4"	10	20"	1 Bolt

Thimble Eye Bolts



DESCRIPTION

Thimble eye bolts used on utility pole designed to create a secure attachment point for guy wire.

KEY FEATURES

- Manufactured from Forged Steel
- Hot-dipped galvanized
- Tensile Strength: 13,550lbs

Thimble Eye Bolts			
PART #	THREAD SIZE	LENGTH	QTY
ARTHEG5810	5/8"	10"	Each
ARTHEG5812	5/8"	12"	Each
ARTHEG5814	5/8"	14"	Each
ARTHEG5816	5/8"	16"	Each
ARTHEG5818	5/8"	18"	Each

Thimble Eye Anchors



DESCRIPTION

Thimble eye anchors used on utility pole designed to create a secure attachment point used with machine bolt or double arming bolts.

KEY FEATURES

- Hot-dipped galvanized
- Available in eyelet and nut design

Thimble Eye Anchors				
PART #	TYPE	THREAD SIZE	UNC	QTY
AETHEG58	Eyelet	5/8"	—	Each
AETHEG34	Eyelet	3/4"	—	Each
ANTHEG58	Nut	5/8"	11	Each
ANTHEG34	Nut	3/4"	10	Each

Square Nuts



DESCRIPTION

Square nuts are manufactured from high quality steel with large wrenching surface with hot-dipped galvanized finish.

KEY FEATURES

- Tapped with Unified National Coarse Threads
- Galvanized tolerance for galvanized bolts and rods
- Additional sizes available upon request

Square Nuts			
PART #	THREAD SIZE	UNC	QTY
SHNG12	1/2"	13	Each
SHNG58	5/8"	11	Each
SHNG34	3/4"	10	Each

Square Concave Lock Nuts



DESCRIPTION

Square concave nuts are manufactured from high quality steel with concave design to deflect threads to permanently lock, hot-dipped galvanized finish.

KEY FEATURES

- Half to full turn to lock nut
- Hot-dipped Galvanized
- Additional sizes available upon request

Square Head Concave Lock Nuts			
PART #	THREAD SIZE	UNC	QTY
SCNLG12	5/8"	13	Each
SCNLG58	5/8"	11	Each
SCNLG34	5/8"	10	Each

Square Washers for Aerial Hardware



DESCRIPTION

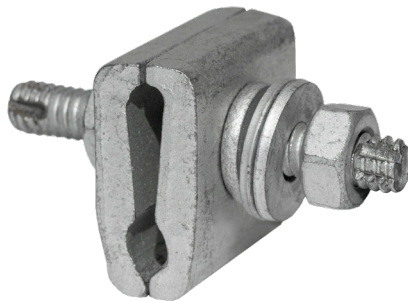
Square washers are for use on wood poles.

KEY FEATURES

- Hot-dipped galvanized
- Flat and curved options available
- Additional sizes available upon request

Square Washers						
PART #	FLAT/CURVED	THREAD SIZE	THICKNESS	LENGTH	WIDTH	QTY
WSG221812	Flat	1/2"	1/8"	2"	2"	Each
WSG221858	Flat	5/8"	1/8"	2"	2"	Each
WSG21431658	Flat	5/8"	3/16"	2 1/4"	2 1/4"	Each
WSG21431634	Flat	3/4"	3/16"	2 1/4"	2 1/4"	Each
WSG331634	Flat	3/4"	3/16"	3"	3"	Each
WSG31434	Flat	3/4"	1/4"	3"	3"	Each
WSG431634	Flat	3/4"	3/16"	4"	4"	Each
WSG41434	Flat	3/4"	1/4"	4"	4"	Each
WSCG21431658	Curved	5/8"	3/16"	2 1/4"	2 1/4"	Each
WSCG21231658	Curved	5/8"	3/16"	2 1/2"	2 1/2"	Each
WSCG31434	Curved	3/4"	1/4"	3"	3"	Each
WSCG31458	Curved	5/8"	1/4"	3"	3"	Each

Lashing Wire Clamps



DESCRIPTION

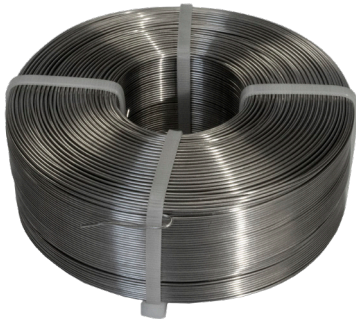
Lashing wire clamps are fasteners used to secure lashing wire to strand wire.

KEY FEATURES

- Compatible with 1/4" to 7/16" strand
- Hot-dipped galvanized

Lashing Wire Clamps		
PART #	DESCRIPTION	QTY
CLWZ14716	D Lashing Wire Clamp, 1/4" to 7/16" Strand Wire, Hot-Dipped Galvanized	Each

Lashing Wire



DESCRIPTION

Lashing wire is a high-strength, corrosion-resistant wire used to securely fasten and support aerial cables to messenger strands in overhead installations.

KEY FEATURES

- Available in 302, 316, 430 Stainless Steel

Lashing Wire				
PART #	MATERIAL	WIDTH	LENGTH	QTY
LWS430045	430 Stainless Steel	0.045"	1,200'	Each
LWS316045	316 Stainless Steel	0.045"	1,200'	Each
LWS302045	302 Stainless Steel	0.045"	1,200'	Each
LWS302038	302 Stainless Steel	0.038"	1,600'	Each

Lashing Straps



DESCRIPTION

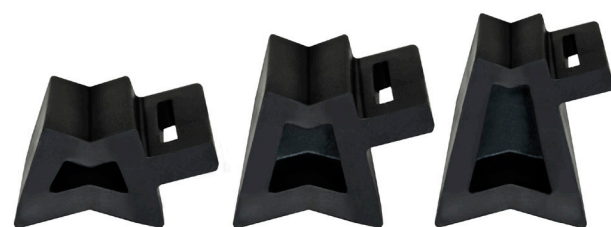
Lashing straps are used to secure fiber optic cable to strand wire.

KEY FEATURES

- Available in stainless steel and zinc plated
- Available in 10" and 16" lengths
- Additional sizes available upon request

Lashing Straps				
PART #	MATERIAL	WIDTH	LENGTH	QTY
LSZ3410	Zinc	3/4"	10"	Each
LSZ3416	Zinc	3/4"	16"	Each
LSS3410	Stainless Steel	3/4"	10"	Each
LSS3422	Stainless Steel	3/4"	22"	Each

Cable Spacers



DESCRIPTION

Cable spacers are protective components used to maintain proper spacing and prevent contact between lashing wire and cables.

KEY FEATURES

- Durable, UV resistant polypropylene
- Available in 1/4", 1/2" and 3/4" widths
- Packaged in kits of 100

Cable Spacers		
PART #	DESCRIPTION	QTY
CSP14	1/4" Cable Spacer for Lashing Strap, Plastic	1 Pack of 100
CSP12	1/2" Cable Spacer for Lashing Strap, Plastic	1 Pack of 100
CSP34	3/4" Cable Spacer for Lashing Strap, Plastic	1 Pack of 100
BNDAS	Acetal Banding Stackable Spacers (100 pack)	1 Pack of 100

Galvanized Hex Lag Bolts



DESCRIPTION

Hex lag bolts are used to securely anchor equipment into wood poles.

KEY FEATURES

- Zinc finish available

Galvanized Hex Lag Bolts		
PART #	DESCRIPTION	QTY
BLG384	Galvanized Hex Lag Bolt, 3/8"-7 x 4"	1 Bolt
BLG12212	Galvanized Hex Lag Bolt, 1/2"-6 x 2 1/2"	1 Bolt

Lag Screws



DESCRIPTION

Lag screws used for securing equipment, brackets, and other components to utility poles.

KEY FEATURES

- Hot-dipped Galvanized
- Square head design
- Additional sizes available upon request

Square Head Fetter Drive, Drive Point Lag Screws		
PART #	DESCRIPTION	QTY
LSGFD383DP	3/8" x 3" Lag Screw, Fetter Drive, Drive Point, Hot-Dipped Galvanized	Each
LSGFD384DP	3/8" x 4" Lag Screw, Fetter Drive, Drive Point, Hot-Dipped Galvanized	Each
LSGFD123DP	1/2" x 3" Lag Screw, Fetter Drive, Drive Point, Hot-Dipped Galvanized	Each
LSGFD124DP	1/2" x 4" Lag Screw, Fetter Drive, Drive Point, Hot-Dipped Galvanized	Each
LSGFD12412DP	1/2" x 4 1/2" Lag Screw, Fetter Drive, Drive Point, Hot-Dipped Galvanized	Each
LSGFD125DP	1/2" x 5" Lag Screw, Fetter Drive, Drive Point, Hot-Dipped Galvanized	Each

Square Head Twist Drive, Drive Point Lag Screws		
PART #	DESCRIPTION	QTY
LSGTD124DP	1/2" x 4" Lag Screw, Twist Drive, Drive Point, Hot-Dipped Galvanized	Each

Hex Head Lag Screw with Washer and Cushion		
PART #	DESCRIPTION	QTY
LSZCW142	1/4" x 2" Hex Head Lag Screw with Washer and Cushion, Hot-Dipped Galvanized	Each

Banding Clamps



DESCRIPTION

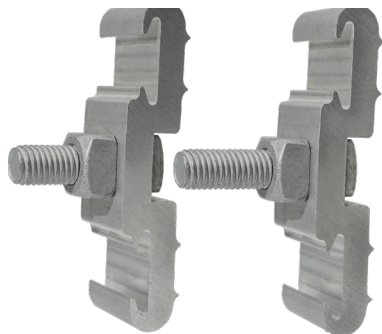
Banding clamp used for banding components to poles of all types of material.

KEY FEATURES

- Aluminum banding clamp and hot-dipped galvanized hardware included with banding
- Additional sizes available upon request

Banding Clamps		
PART #	DESCRIPTION	QTY
BCS3448A	Banding Clamp Aluminum, 3/4" x 48" Stainless Steel Banding	Each

Cable Suspension Mounts



DESCRIPTION

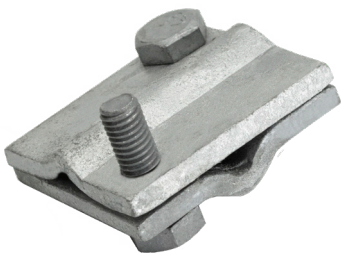
Cable suspension mounts provide 5/8" mounting bolt with use of 1"to 1 1/4" banding.

KEY FEATURES

- Aluminum extruded body
- Hot-dipped galvanized 5/8" bolt and nut included

Cable Suspension Mounts		
PART #	DESCRIPTION	QTY
CSMA112514582	Cable Suspension Mount, 5/8"-11 x 2" Bolt, Aluminum	Each
CSMA11251458312	Cable Suspension Mount, 5/8"-11 x 3 1/2" Bolt, Aluminum	Each

Crossover Clamps



DESCRIPTION

Crossover clamp used for clamping intersecting strand.

KEY FEATURES

- Hot-dipped galvanized
- Prevents damage and slipping

Crossover Clamps		
PART #	DESCRIPTION	QTY
CCG14	Crossover Clamp, 1/4" Strand Wire, Hot-Dipped Galvanized	Each
CCMG1438	Crossover Clamp for 90 Degree Strand Cross, 1/4" - 3/8" Strand Wire, Hot-Dipped Galvanized	Each

Suspension Clamps



DESCRIPTION

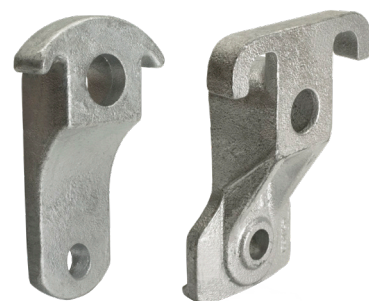
Suspension clamps work with 1/4" to 7/16" messenger strand, attached by through bolt.

KEY FEATURES

- 3 Hole design allows clamp to be attached to pole
- Hot-dipped galvanized
- Curved and straight designs

Crossover Clamps		
PART #	DESCRIPTION	QTY
CSCSG358	Cable Suspension Straight Clamp 3 Bolt 5/8" Mounting, Hot-Dipped Galvanized	Each
CSCCG358	Cable Suspension Curved Clamp 3 Bolt 5/8" Mounting, Hot-Dipped Galvanized	Each
CSCSG334	Cable Suspension Straight Clamp 3 Bolt 3/4" Mounting, Hot-Dipped Galvanized	Each
CSCCG334	Cable Suspension Curved Clamp 3 Bolt 3/4" Mounting, Hot-Dipped Galvanized	Each

Guy Hooks



DESCRIPTION

Guy Hooks attachment points for down and span guy wires.

KEY FEATURES

- Manufactured from ductile iron
- Hot-Dipped galvanized

Guy Hooks		
PART #	DESCRIPTION	QTY
GHG31858	Guy Hook, 5/8" Mounting, 3 1/8" Strand Width, Hot-Dipped Galvanized	Each
GHG33458	Guy Hook, 5/8" Mounting, 3 3/4" Strand Width, Hot-Dipped Galvanized	Each

Guy Attachment Strap



DESCRIPTION

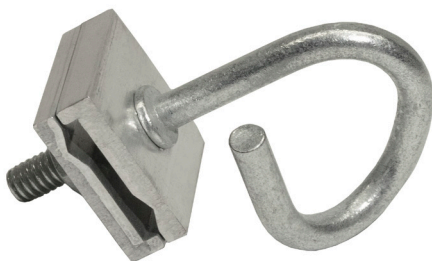
Guy attachment used to attached guy wire to pole.

KEY FEATURES

- Manufactured from high quality steel
- Hot-dipped Galvanized

Guy Attachment Strap		
PART #	DESCRIPTION	QTY
GSG1116	Guy Attachment Strap, 5/8" Mounting, Hot-Dipped Galvanized	Each

Q Spans



DESCRIPTION

Q Spans are compatible with 1/4" to 7/16" strand wire.

KEY FEATURES

- Galvanized

Q Spans		
PART #	DESCRIPTION	QTY
SCQG14716	Q Span Clamp 1/4" – 7/16", Galvanized	Each
SSQG545	Q Span Screw 5 × 45mm, Galvanized	Each

Guy Strain Insulators



DESCRIPTION

Porcelain guy insulators isolate sections of guy wire from current.

KEY FEATURES

- Manufactured from porcelain
- ANSI 54-1, 54-2 and 54-3
- Light gray

Guy Strain Insulators				
PART #	CABLE OD	WORKING LOAD	PORCELAIN	QTY
GSIP38	3/8"	5,000 lbs	ANSI 54-1	Each
GSIP12	1/2"	6,000 lbs	ANSI 54-2	Each
GSIP58	5/8"	10,000 lbs	ANSI 54-3	Each



Formed Wire Dead Ends



DESCRIPTION
Formed wire dead ends for overhead and down guy wires.

KEY FEATURES

- Manufactured from high strength steel
- Galvanized Steel
- Color coded

Formed Wire Dead Ends		
PART #	DESCRIPTION	QTY
DEGG14	¼" Dead end Grip Galvanized B Coat, Yellow	Each
DEGG516	⅝" Dead end Grip Galvanized B Coat, Black	Each
DEGG38	⅜" Dead end Grip Galvanized B Coat, Orange	Each
DEGG716	⅞" Dead end Grip Galvanized B Coat, Green	Each

Formed Wire False Dead Ends



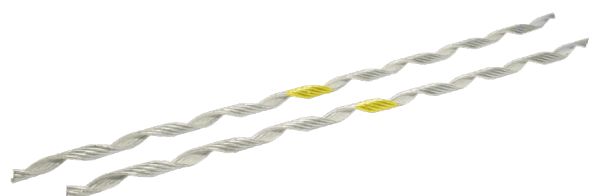
DESCRIPTION
Formed wire false dead ends for overhead messenger wires.

KEY FEATURES

- Manufactured from high strength steel
- Galvanized Steel
- Color coded

Formed Wire False Dead Ends		
PART #	DESCRIPTION	QTY
DEGFG14	¼" False Dead end Grip Galvanized B Coat, Yellow	Each
DEGFG516	⅝" False Dead end Grip Galvanized B Coat, Black	Each
DEGFG38	⅜" False Dead end Grip Galvanized B Coat, Orange	Each
DEGFG716	⅞" False Dead end Grip Galvanized B Coat, Green	Each

Strand Splices



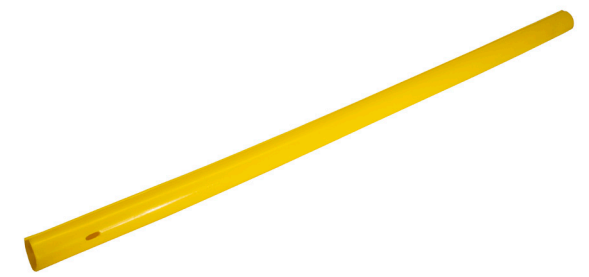
DESCRIPTION
Strand splices are used to connect two ends of strand wire.

KEY FEATURES

- Manufactured from high strength steel
- Galvanized Steel
- Color coded

Strand Splices		
PART #	DESCRIPTION	QTY
SSG1435	¼" Strand Splice Galvanized B Coat, for ¼" Strand Wire OD .086" Yellow	2 Splices
SSG516	⅝" Strand Splice Galvanized B Coat, for ¼" Strand Wire OD .086" Black	2 Splices
SSG38	⅜" Strand Splice Galvanized B Coat, for ¼" Strand Wire OD .086" Orange	2 Splices
SSG716	⅞" Strand Splice Galvanized B Coat, for ¼" Strand Wire OD .086" Green	2 Splices
SSG12	½" Strand Splice Galvanized B Coat, for ¼" Strand Wire OD .086" Blue	2 Splices

Guy Guards



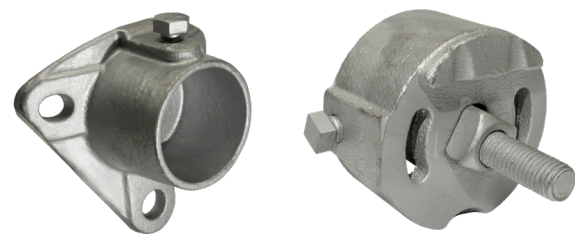
DESCRIPTION
Guy Guards for use with exposed guy wire for high visibility and contact.

KEY FEATURES

- Bright yellow
- UV resistant
- Impact resistant PVC

Guy Guards		
PART #	DESCRIPTION	QTY
GMPY1148	Guy Marker, Round 1¼" x 8' Yellow Polyethylene	Each
GMHPY31612	Guy Marker with Helical Tie, Round 1¼" x 8' Yellow Polyethylene	Each

Sidewalk Guy Fittings



DESCRIPTION

Sidewalk guy fitting for use with 2" OD pipe for extending down guy wire.

KEY FEATURES

- Hot-dipped galvanized
- Designed for 2" pipe

Sidewalk Guy Fittings		
PART #	DESCRIPTION	QTY
GEFSG2	Sidewalk Guy Fitting End for 2" Pipe, Hot-Dipped Galvanized	Each
GPFSG2	Sidewalk Pole Plate Guy Fitting for 2" Pipe, Hot-Dipped Galvanized	Each

Forged No-Wrench Anchors



DESCRIPTION

Forged no-wrench anchors for anchoring guy wire.

KEY FEATURES

- Manufactured from forged steel
- Hot-dipped galvanized
- Additional sizes available upon request

Forged No-Wrench Anchors		
PART #	DESCRIPTION	QTY
ASH63466	Screw Anchor , Triple Eye, ¾" x 66" Shaft, 6" Helix, Hot-Dipped Galvanized	Each
ASH8166	Screw Anchor, Triple Eye 1" x 66" Shaft, 8" Helix, Hot-Dipped Galvanized	Each

Auxiliary Anchor Eyes



DESCRIPTION

Auxiliary Anchor Eye Clamp for use with new or existing anchor for additional guy wire.

KEY FEATURES

- Hot-dipped galvanized
- Provides additional attachment point on existing anchor rod

Auxiliary Anchor Eyes		
PART #	DESCRIPTION	QTY
AAEG5834	Auxiliary Anchor Eye, ⅝" – ¾" Anchor Diameter, ½" Strand Max, Hot-Dipped Galvanized	Each
AAEG12114	Auxiliary Anchor Eye, 1¼" Anchor Diameter, ½" Strand Max, Hot-Dipped Galvanized	Each

Metal Cable Guards



DESCRIPTION

Cable guards is to protect cables and wires from various threats, including abrasion, impact, weather elements, wildlife interference, and vandalism.

KEY FEATURES

- Hot-dipped galvanized
- Available in 8' lengths
- Additional sizes available upon request

Metal Cable Guards		
PART #	DESCRIPTION	QTY
CGG23168	Cable Guard 2⅝" x 8' Galvanized	Each
CGG33168	Cable Guard 3⅝" x 8' Galvanized	Each

Cable Guard Straps



DESCRIPTION

Metal Cable guard straps are used in the installation of metal cable guards.

KEY FEATURES

- Hot-dipped galvanized

Cable Guard Straps		
PART #	DESCRIPTION	QTY
CGSG2316	Cable Guard Strap 2¾" Galvanized	Each
CGSG3316	Cable Guard Strap 3¾" Galvanized	Each

Ground Wire Molds



DESCRIPTION

Ground wire molds used to cover grounding wire and help to protect from surrounding environment.

KEY FEATURES

- Manufactured from forged steel
- Hot-dipped galvanized
- Additional sizes available upon request

Ground Wire Molds		
PART #	DESCRIPTION	QTY
GWMBLKPVC128	Ground Wire Mold, ½" x 8' Black PVC	Each

Ground Rods



DESCRIPTION

Copper bonded ground rods are designed with pointed tip for easy driving installation.

KEY FEATURES

- Manufactured from high quality steel
- Copper bonded finish
- Solid end for ground rod clamp

Ground Rods		
PART #	DESCRIPTION	QTY
C-5808BU	⅝" x 8' Copper Bonded Ground Rod, Unthreaded	Each
C-5810BU	⅝" x 10' Copper Bonded Ground Rod, Unthreaded	Each

Fiber-Glass Extension Arms



DESCRIPTION

Fiber Glass Extension Arms are made of fiberglass-reinforced materials and are designed to provide additional length and support for various equipment and attachments on utility poles.

KEY FEATURES

- Fiberglass angled at 15°
- ⅝" Mounting

Fiber-Glass Extension Arms		
PART #	DESCRIPTION	QTY
EASF1258	12" Fiberglass Angled Extension Arm, ⅝" Mounting, 15 Degree Angle	Each
EASF1558	15" Fiberglass Angled Extension Arm, ⅝" Mounting, 15 Degree Angle	Each
EASF1858	18" Fiberglass Angled Extension Arm, ⅝" Mounting, 15 Degree Angle	Each
EASF2458	24" Fiberglass Angled Extension Arm, ⅝" Mounting, 15 Degree Angle	Each
EASF3158	31" Fiberglass Angled Extension Arm, ⅝" Mounting, 15 Degree Angle	Each

Aluminum Fiber Loops



DESCRIPTION

Aluminum Fiber Loops are used for managing slack or excess length in overhead fiber cables.

KEY FEATURES

- Aluminum alloy
- Welded cross bars
- Powder Coated Black

Aluminum Fiber Loops		
PART #	DESCRIPTION	QTY
FLSA16	16" Aluminum Fiber Loop	1 Pair
FLSA20	20" Aluminum Fiber Loop	1 Pair

Plastic Fiber Loops



DESCRIPTION

Plastic Fiber Loops are used for managing slack or excess length in overhead fiber cables.

KEY FEATURES

- High impact UV resistant thermoplastic resin
- Non-corrosive
- Fully dielectric with reinforced thermoplastic clamps

Plastic Fiber Loops		
PART #	DESCRIPTION	QTY
FLSP12	12" Plastic Fiber Loop	1 Pair
FLSP17	17" Plastic Fiber Loop	1 Pair

Hooks



DESCRIPTION

Hook Drive provide attachment points for service drops and dead end clamps used on poles or structure surface.

KEY FEATURES

- Hot-dipped galvanized
- Drive point tip and flat driving head
- 1,400lb tensile strength

Hooks		
PART #	DESCRIPTION	QTY
SHDG716434	Hook Drive, 7/16" x 4 3/4", W/ Drive Point Hot-Dipped Galvanized	Each
SHDG516312	Hook Drive, 5/16" x 3 1/2", W/ Drive Point Hot-Dipped Galvanized	Each
SHDG12578	Hook Drive, 1/2" x 5 7/8", W/ Drive Point Hot-Dipped Galvanized	Each

Wood Staples



DESCRIPTION

Wood Staples in pole line hardware are specialized fasteners used to secure cables, wires, and other components to wooden utility poles. The benefits of using wood staples include quick and easy installation, strong and reliable.

KEY FEATURES

- Available in galvanized and copper coated
- Available in diamond point and cut point
- Additional finishes sizes available upon request

Wood Staples		
PART #	DESCRIPTION	QTY
STG258165	Staple Diamond Point, 2" x 5/8" x .165" Hot-Dipped Galvanized	Each
STG3111625	Staple Diamond Point, 3" x 1 1/16" x 1/4" Hot-Dipped Galvanized	Each
STC11414114	Staple Diamond Point, 1 1/4" x 1/4" x .114" Copper Coated	Each

Limited Tension Dead End Assemblies



DESCRIPTION

Limited tension dead end assemblies used to terminate and securely anchor overhead ADSS cables in a dead-end configuration. Assemblies are designed to withstand the mechanical forces and while ensuring proper support and stability.

- KEY FEATURES**
- Component Strength 15,000 lbs
 - Maximum Initial Tension 4,000 lbs
 - Maximum Load Tension 7,500 lbs

Limited Tension Dead End Assemblies		
PART #	DESCRIPTION	QTY
DEGL400424	Limited Tension Dead End Assembly for ADSS Cable, 0.400" – 0.424" (Black)	1 Assembly
DEGL425451	Limited Tension Dead End Assembly for ADSS Cable, 0.425" – 0.451" (Yellow)	1 Assembly
DEGL452481	Limited Tension Dead End Assembly for ADSS Cable, 0.452" – 0.481" (Green)	1 Assembly
DEGL482510	Limited Tension Dead End Assembly for ADSS Cable, 0.482" – 0.510" (Orange)	1 Assembly
DEGL511542	Limited Tension Dead End Assembly for ADSS Cable, 0.511" – 0.542" (Blue)	1 Assembly
DEGL693737	Limited Tension Dead End Assembly for ADSS Cable, 0.693" – 0.737" (Green)	1 Assembly
DEGL785834	Limited Tension Dead End Assembly for ADSS Cable, 0.785" – 0.834" (Blue)	1 Assembly

Downlead Clamps



DESCRIPTION

Downlead Clamps are used to secure and support the downleads or service wires that run from utility poles to buildings or structures.

- KEY FEATURES**
- Blocks manufactured from weather-resistant Urethane
 - Hot-dipped galvanized hardware

Downlead Clamps		
PART #	DESCRIPTION	QTY
DLC4682	Downlead Clamp Assembly for ADSS Cable .0.375"-0.468"	1 Assembly
DLC5622	Downlead Clamp Assembly for ADSS Cable. 0.469"-0.562"	1 Assembly
DLC6562	Downlead Clamp Assembly for ADSS Cable. 0.563"-0.656"	1 Assembly
DLC7502	Downlead Clamp Assembly for ADSS Cable. 0.657"-0.750"	1 Assembly
DLC8492	Downlead Clamp Assembly for ADSS Cable. 0.751"-0.849"	1 Assembly

Trunnion Support Assemblies



DESCRIPTION

Trunnion Support Assemblies are designed to work with a variety of ADSS cables using color coded EPDM rubber inserts enclosed in a open-able cast aluminum body.

KEY FEATURES

- Cast aluminum body
- Color coded UV resistant EPDM rubber inserts
- Can be used as a pull-through during cable installation

Trunnion Support Assemblies		
PART #	DESCRIPTION	QTY
TSA325375	Trunnion Support Assembly, Pole Mount for 0.325" – 0.375" OD Cable	1 Assembly
TSA376419	Trunnion Support Assembly, Pole Mount for 0.376" – 0.419" OD Cable	1 Assembly
TSA420474	Trunnion Support Assembly, Pole Mount for 0.420" – 0.474" OD Cable	1 Assembly
TSA475525	Trunnion Support Assembly, Pole Mount for 0.475" – 0.525" OD Cable	1 Assembly
TSA526575	Trunnion Support Assembly, Pole Mount for 0.526" – 0.575" OD Cable	1 Assembly
TSA576625	Trunnion Support Assembly, Pole Mount for 0.576" – 0.625" OD Cable	1 Assembly
TSA626675	Trunnion Support Assembly, Pole Mount for 0.626" – 0.675" OD Cable	1 Assembly
TSA676725	Trunnion Support Assembly, Pole Mount for 0.676" – 0.725" OD Cable	1 Assembly
TSA726775	Trunnion Support Assembly, Pole Mount for 0.726" – 0.775" OD Cable	1 Assembly

Spiral Vibration Dampers



DESCRIPTION

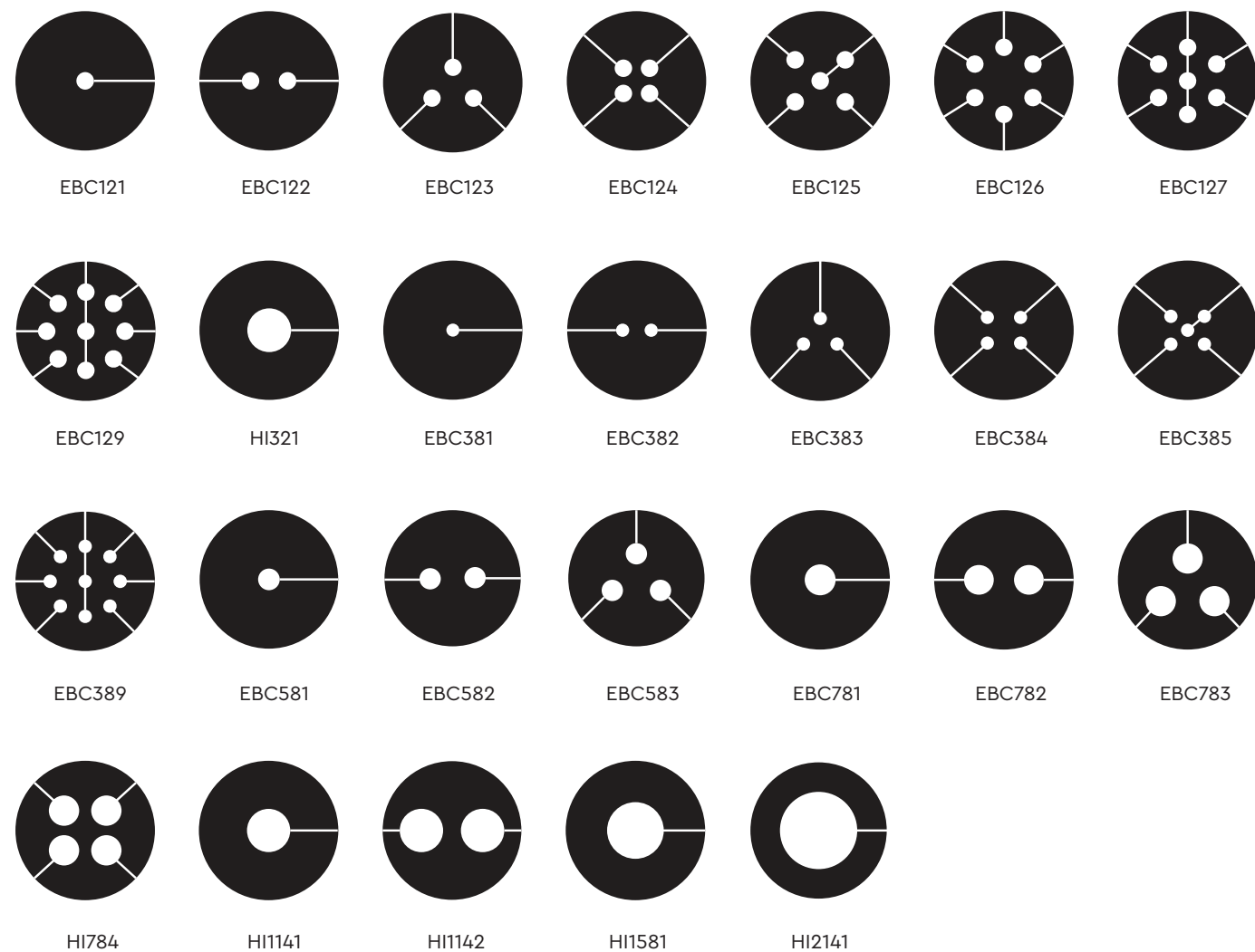
Manufactured from high-impact PVC, formed in a helical shape to work with a variety of ADSS fiber diameters.

KEY FEATURES

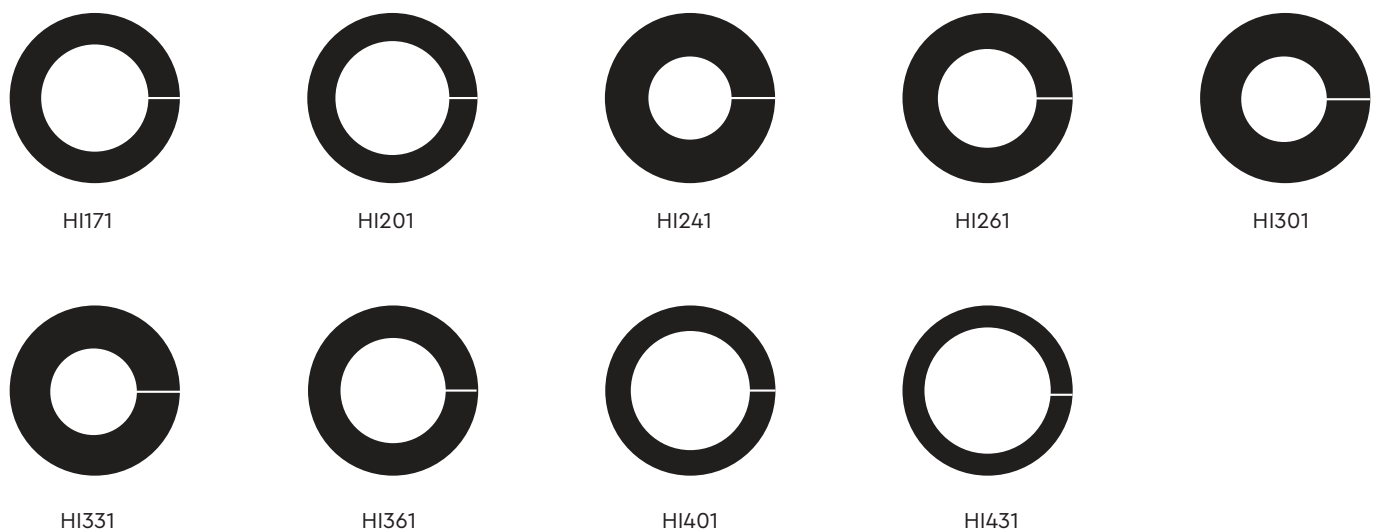
- High-impact Weather resistant PVC
- Aeolian vibration mitigation

Spiral Vibration Dampers		
PART #	DESCRIPTION	QTY
SDVP250326	PVC Spiral Vibration Damper for 0.25"-0.326" OD Cable	Each
SDVP327461	PVC Spiral Vibration Damper for 0.327"-0.461" OD Cable	Each
SDVP462563	PVC Spiral Vibration Damper for 0.462"-0.563" OD Cable	Each
SDVP564770	PVC Spiral Vibration Damper for 0.564"-0.77" OD Cable	Each
SDVP771876	PVC Spiral Vibration Damper for 0.771"-0.876" OD Cable	Each

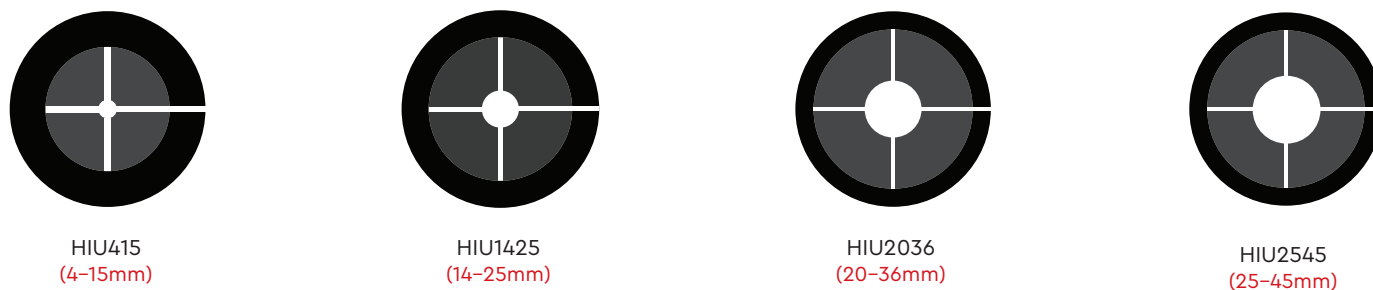
Cushion Hole Configurations



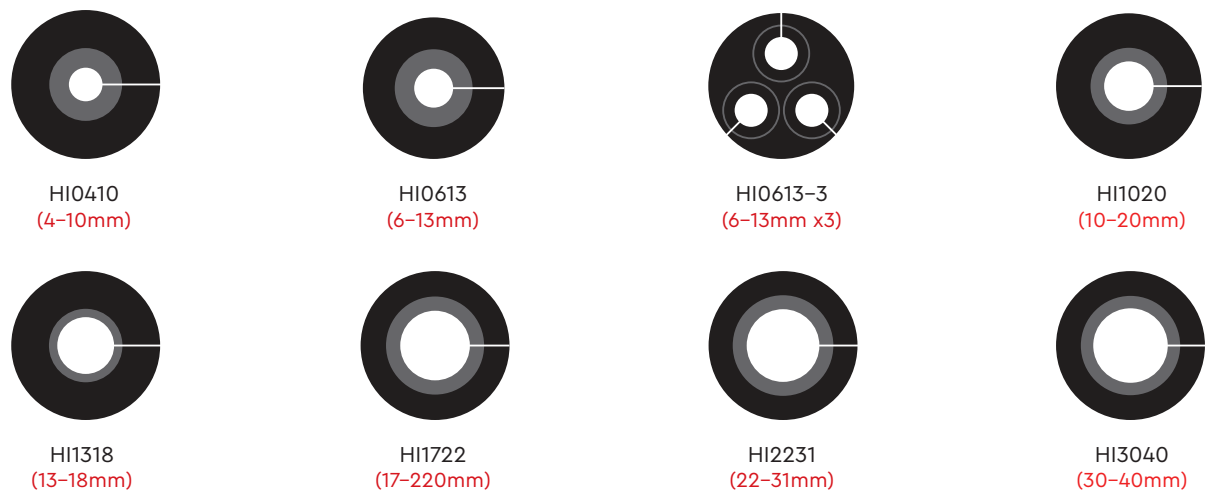
Single Hole Hanger Inserts Hole Configurations



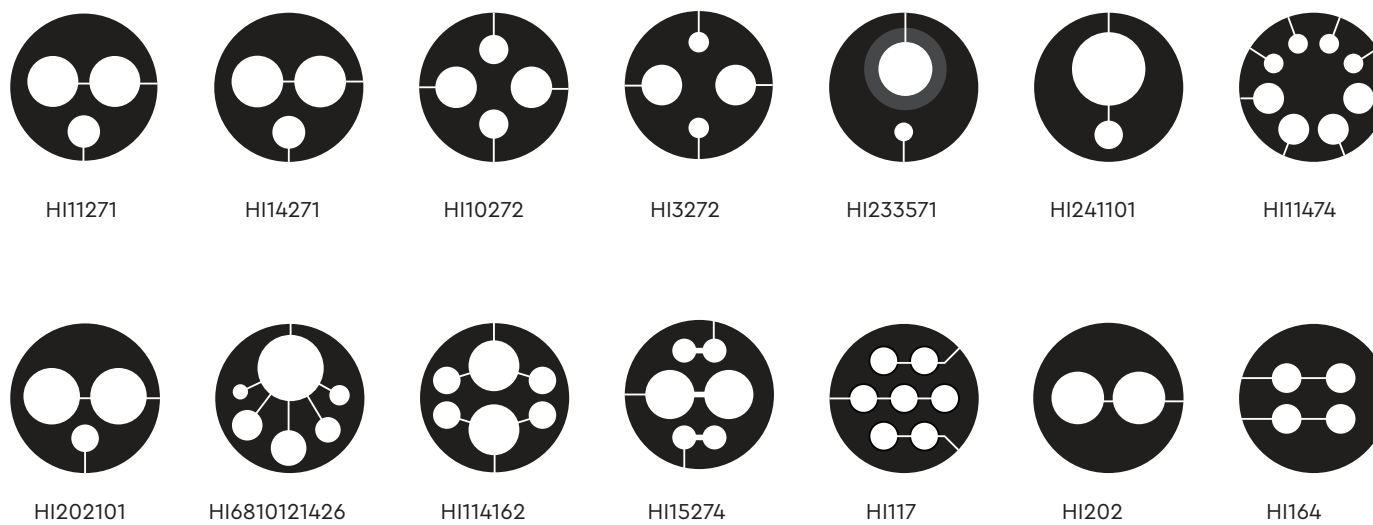
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Universal Hanger Inserts Hole Configurations



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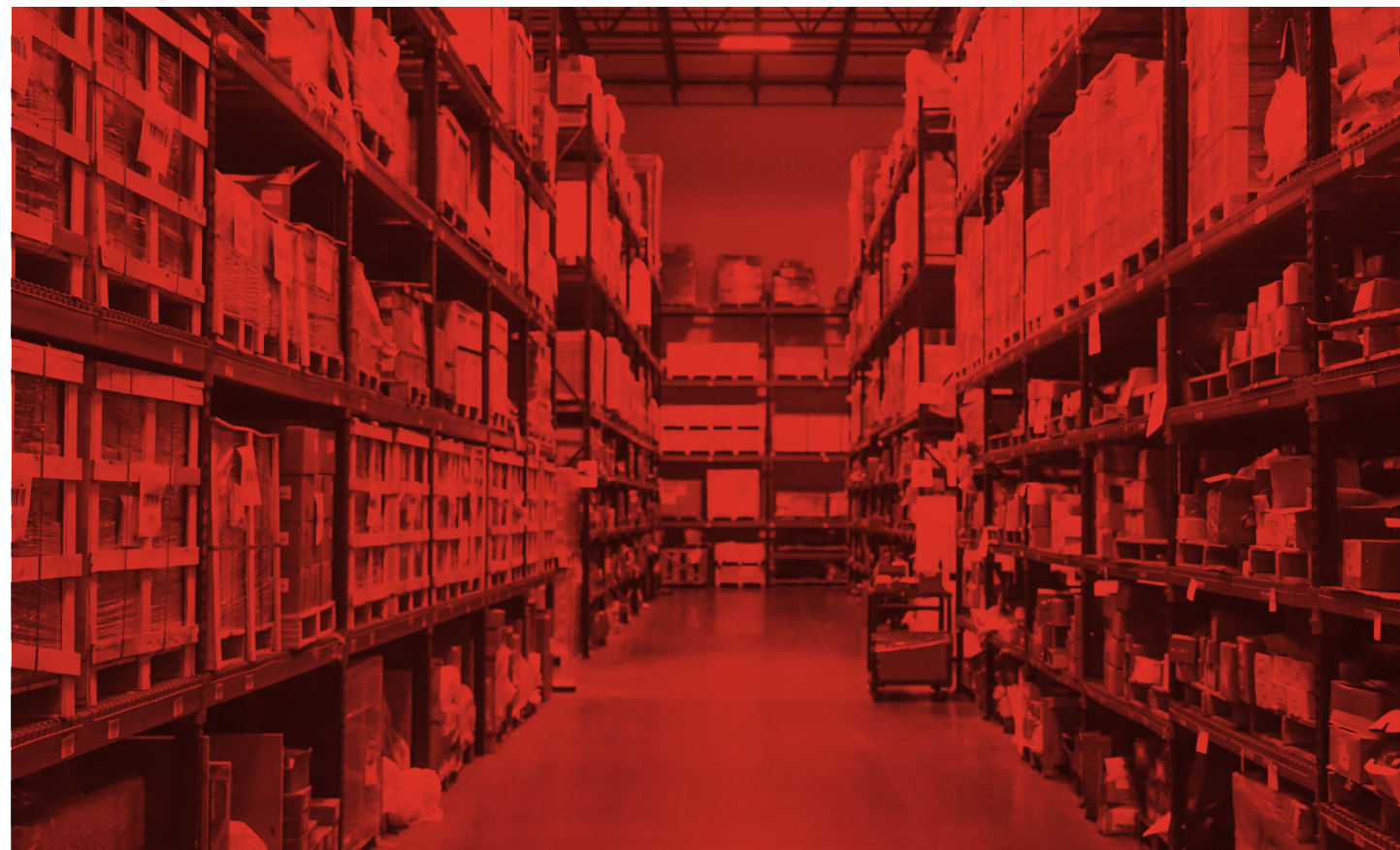
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