



PRODUCT CATALOG

2024 Revision A

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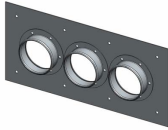


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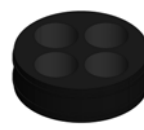
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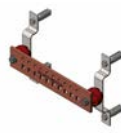
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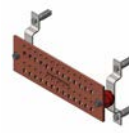
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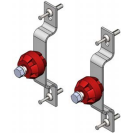
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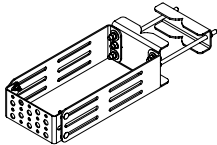


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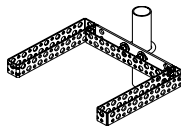


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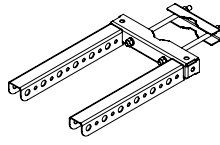
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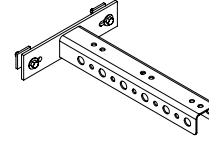
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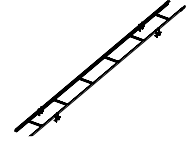
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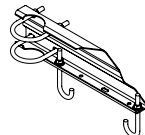


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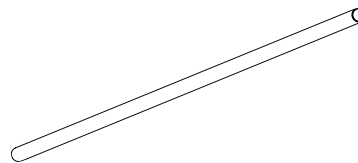
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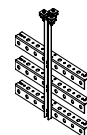
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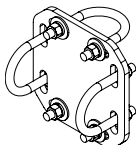


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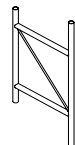


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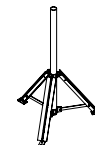
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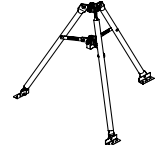
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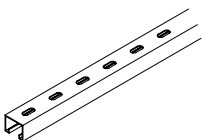


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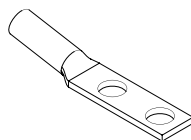


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Letter From Our Leadership

Dear Valued Customer and Friends,

WANHO Manufacturing & Logistics is truly grateful and appreciates all our existing OEM Partners and future Customers. Since the last edition of our Catalog and Website (www.wanho.com) we are excited about some of the new additions within our product line as well as a change in features to our website. With the addition of access to our product reference sheet library and other pertinent information, Engineering Firms and Customers alike can easily locate information regarding specific parts used in the field. With our Manufacturing and Distribution footprint being truly global in nature, it uniquely positions us to produce high quality accessories, hardware, fasteners, and steel bracketry items at the most competitive costs without losing the localized serviceability.



As we look to the future of 5G and beyond, we recognize the fact that you have choices. Please rest assured, we will continue to develop products that keep you ahead of the competition in the marketplace, and never waiver on the Quality, Service, and Best Price Practices that has been an industry staple for almost 40 years. We will also continue to invest in our USA Manufacturing and Value Add Services portion of the business to help you combat Non-OEM Qualified, low value, and dangerous counterfeit products currently breaching the market. This investment is important to us, as our Connecticut, USA Manufacturing roots date back to 1987 and we continue to have great pride in being the largest Made In America producer of items such as the SnapStak® Snap-in Cable Hanger and other items used throughout the many industries we serve.

WANHO will continue to strive for the best-in-class workmanship, accuracy, and service with our ISO 9001 and ISO 14001 policies to help you have a seamless supply chain and buying experience. Our primary goal is to create a value in everything you utilize WANHO for as your partner and source with hopes to help you better serve your end market customers. We are excited and will continue to grow and conquer this expanding industry as we drive our businesses into the future generation.

We look forward to working with you closely in the year to come as we are confident and given the chance you will not find another holistic provider for our style product portfolio that can match the true Manufacturing Capabilities, Quality, Service, Localized Inventories, and Price Practices anywhere in the world!

As always, if you're not 100% satisfied with your WANHO experience we want to hear about it; our Executive Team and I are always available to help problem solve and or to give directional answers 24/7. With one call to WANHO, you can "Consider It Done"

With Thanks and Gratitude for the many years of trust, friendship, and success.

Sincerely,

David R. Elliott
President & Chief Executive Officer



Customer Service & Support



Regionally based experienced customer service teams, coupled with our knowledgeable product line and technical support personnel, are available to assist in finding the right products for any application. Our goal is to go beyond the sale of products and provide each customer with a menu of value-added services to aide in their specific business goals. Our ability to eliminate hidden cost from your business, while enhancing your competitive position will drive continued success for both our companies, our symbol and commitment to a true and trusted partnership.

Value-Added Service and Support

- * Knowledgeable Customer Service
- * Consignment Programs
- * Extended Payment Terms
- * Regional Material Staging
- * Rapid Product Fulfillment
- * Private Labeled Product
- * Kan-Ban Programs
- * Training & Presentation Support
- * Custom Kitting



Engineering & Quality Assurance



Each manufacturing location operates under stringent ISO 9001: 2015 and ISO 14001: 2015 quality system standards to assure compliance throughout all stages of the product life cycle. Our in-house staff of engineers and design professionals combine uncompromised quality with efficient manufacturing techniques to extend the most cost effective product solutions to our customers. Every product is designed and manufactured to rigorous quality standards and all metals are received with batch and heat-treatment identification allowing for 100% mill traceability. One call to our company with your requirement and you can - **"Consider it Done"**.

In-House Technical Assistance

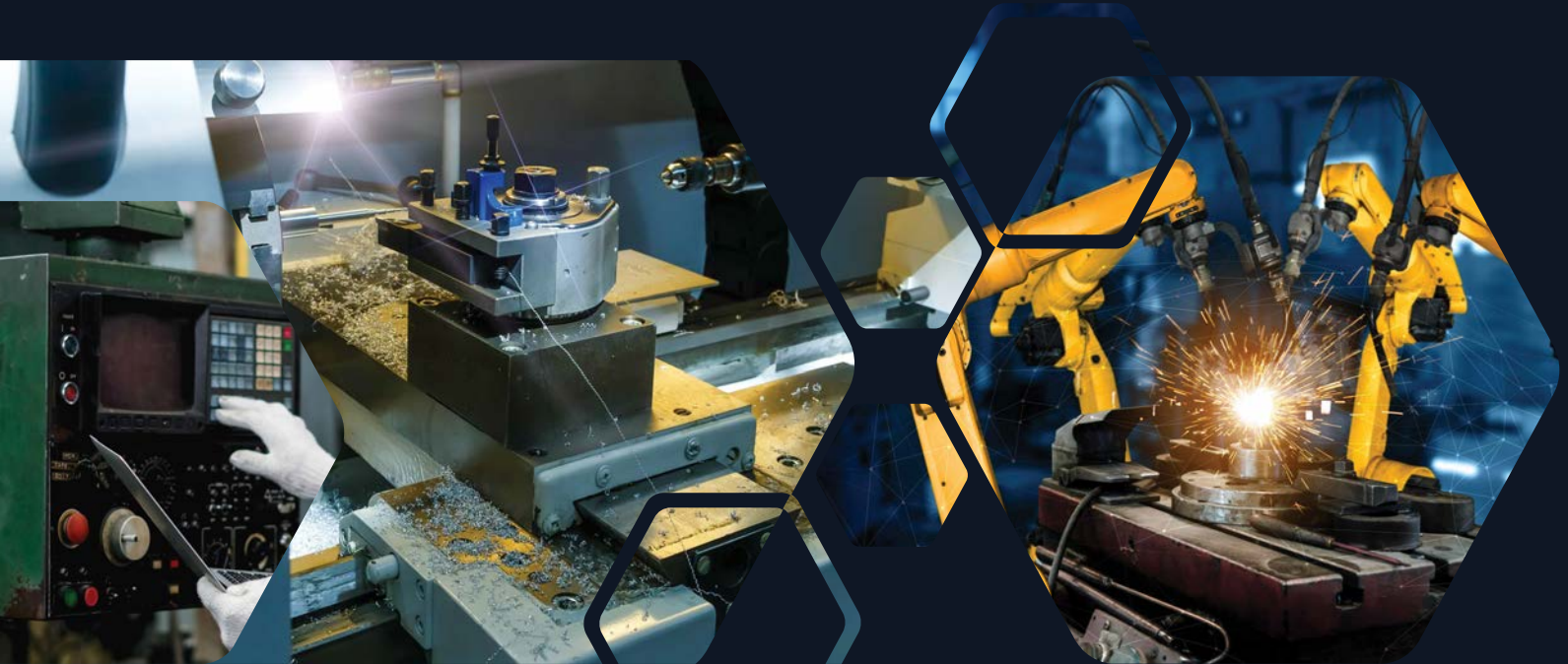
- * ISO 9001: 2015 Registered
- * ISO 14001: 2015 Registered
- * TQM & SPC Processes
- * Sigma Rated System
- * Comprehensive Tool Design
- * In-House Engineering
- * Customized Product Solutions
- * Expert Technical Assistance
- * Digital Graphics Library
- * Multi-Lingual Bulletins



ISO9001:2015
ISO14001:2015



Superior Manufacturing - Reduced Cost



Our state-of-the-art manufacturing, in-house tool & die design, and extensive raw material inventories allow us to reduce cycle times and expedite delivery of sub-components and finished-good products to our customers.

Regardless of the industry or the design specification criteria, our modernized equipment, advanced technology, and optimized production capabilities assures the most efficient, cost-effective solutions to satisfy our customer's requirements across all market segments.

Manufacturing Expertise

- * Precision Machining
- * High-Volume- Close Tolerance Stamping
- * Injection Molding
- * Heavy Stamping
- * In-House Tool & Die Design
- * Short & Long Progressive Tooling
- * Product Prototyping



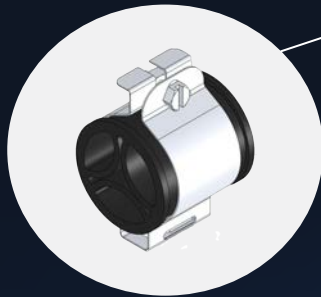
Regional Logistics - Global Reach



For nearly two decades, WANHO Manufacturing & Logistics has cultivated exceptional design manufacturing and distribution capabilities. These combined capabilities allow our customers to select from a comprehensive range of products and services to meet their specific requirements with seamless worldwide fulfillment. We have strategically positioned our logistics partners in Europe, Asia and the Americas which have become integrated extensions of our global business structure. This in turn minimizes logistical cost while providing our customers with the most professional and experienced material handling and distribution services around the world. This model enhances our ability to extend localized capabilities ensuring freight and material handling costs are kept to a minimum while maximizing the value to our customer.



CABLE ACCESSORIES



CABLE ACCESSORIES

Hangar Solutions

SnapTak Adjustable Hanger Gen 2



Application: Cable Support
Size: 4mm to 17mm
Design: Molded Polymer
Feature: Self Adjusting & Variable Diameter
Mounts from: 3/4" Holes
Material: Engineered Plastic



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SSH411	SnapTak Adjustable Hanger Gen 2, Polymer Snap In, 4 - 11mm	Kit of 10	0.79 (0.36)
SSH1117	SnapTak Adjustable Hanger Gen 2, Polymer Snap In, 11 - 17mm	Kit of 10	0.79 (0.36)

*Patented Product

SnapTak Multifunction Adapter



Application: Cable Support
Design: Molded Polymer
Feature: 360° Rotation, Universal Mounting
Mounts to: Round & Angle Members with 1/2" Banding
Material: Engineered Plastic
Includes: Multifunction Adapter & Insert



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
UHA3C	PIM Free Universal Hanger Adapter	Kit of 10	0.59 (0.27)

Polymer Angle Adapter



Application: Cable Support
Size: 3/4" Holes
Design: Molded Polymer
Feature: Accepts Snap-Ins
Mounts from: Up to 7/8" Angle Members
Material: Engineered Plastic



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
UA3CP	PIM Free Polymer Angle Adapter	Kit of 10	1.06 (0.48)

*Patent Pending

SnapWrap



Application: Cable Support
Size: Universal
Design: Molded Polymer
Feature: Universal Cable Support for Multiple Cables
Mounts from: 3/4" Hole
Material: Engineered Plastic



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SWH20010	SnapWrap Cable Management Strap	Kit of 10	0.33(0.148)

*Patent Pending

CABLE ACCESSORIES

Hanger Solutions

Plastic Snap-in Cable Clamps



Application: Cable Support
Size: 4mm to 17mm
Design: Molded Polymer
Feature: Self Adjusting & Variable
Mounts from: Diameter 3/4" Holes
Material: Glass Reinforced P.A.
Includes: Hangers



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
PSH47	Plastic Snap-in Cable Clamps, 4 - 7mm	Kit of 10	0.24 (0.01)
PSH710	Plastic Snap-in Cable Clamps, 7 - 10mm	Kit of 10	0.24 (0.01)
PSH1014	Plastic Snap-in Cable Clamps, 10 - 14mm	Kit of 10	0.24 (0.01)
PSH1417	Plastic Snap-in Cable Clamps, 14 - 17mm	Kit of 10	0.24 (0.01)

*Patented Product

Snap-in Hanger Adapter



Application: Cable Support
Design: Molded Polymer
Feature: Dual Banding Attachment
Material: Engineered Plastic
Includes: Adapter
Order Separately: Acetal Banding, SnapTak Adjustable Hangers



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SA1C	Polymer SnapTak Hanger Adapter, 3/4" Hole	Kit of 10	0.27 (0.12)

*Patented Product

SnapTak Multifunction Adapter



Application: Cable Support
Design: Molded Polymer
Feature: 360° Rotation, Universal Mounting
Mounts from: 3/4" Holes, 3/8" or 1/2" Bolts
Material: Engineered Plastic
Includes: Multifunction Adapter
Order Separately: SnapTak Plus Hanger



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SA1TR	PIM Free Multifunction Polymer Adapter for SnapTak Hangers	Kit of 10	0.15 (0.07)

*Patented Product

SnapStak® PIM Isolators



Application: Cable Support
Design: Molded Polymer
Feature: Eliminates Metal to Metal Contact
Mounts from: 3/4" Holes
Material: Engineered Plastic
Includes: Isolator
Order Separately: Snap-In Hangers



SAISO with Snapstak®
(Purchased separately)

Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SAISO	SnapStak® PIM Isolator	Kit of 10	0.15 (0.07)

*Patent Pending

CABLE ACCESSORIES

Hanger Solutions

Universal 3 Way Standoff Adapter



Application: Cable Support
Design: Molded Polymer
Feature: Universal Attachment, Round or Angle Member
Material: Engineered Plastic
Includes: Adapter
Order Separately: Acetal Bonding



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SA38P	Universal 3-Way Standoff Adapter	Kit of 10	1.21 (0.55)

Universal 3 Way Standoff Adapter



Application: Cable Support
Design: Molded Polymer
Feature: U-Bolt or Acetal Banding Attachment
Material: Engineered Plastic
Includes: Adapter
Order Separately: Acetal Banding, U-Bolts



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SA38UMP	Universal 3-Way Standoff Adapter with U-bolt Mounting Capability	Kit of 1	0.21 (0.09)



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SA3C	PIM Free Composite Snap-in Hanger Adapter	Kit of 10	1.21 (0.55)

*Patented Product



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SA38UP	Universal 3-Way Standoff Adapter	Kit of 10	1.31 (0.59)

CABLE ACCESSORIES

Hanger Solutions

Acetal Bands



Application: Cable Support
Size: Universal
Design: Meets Performance Requirements of Telcordia TR-TSY-00789
Mounts to: Round Members
Material: Acetal (Delrin®)
Includes: Bands & Locking Heads
Order Separately: Hangers & Adapters



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
TWAG16	Acetal Band with Pre-Attached Locking Heads, 1/2" x 16"	Kit of 50	1.51 (0.69)
TWAG18	Acetal Band with Pre-Attached Locking Heads, 1/2" x 18"	Kit of 50	1.68 (0.76)
TWAG27	Acetal Band with Pre-Attached Locking Heads, 1/2" x 27"	Kit of 25	1.19 (0.54)

Acetal Banding Locking Heads



Application: Cable Support
Size: Universal
Design: Meets Performance Requirements of Telcordia TR-TSY-00789
Mounts to: Round Members
Material: Acetal (Delrin®)
Includes: Bands & Locking Heads
Order Separately: Hangers & Adapters



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
TWAGLH25	Acetal Banding, Locking Head	Kit of 25	0.2 (0.09)
TWAGLH100	Acetal Banding, Locking Head	Kit of 100	0.79 (0.36)

Acetal Banding Reel



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
TWAGR50	Acetal Banding, 1/2" x 50' Reel	Kit of 1	0.94 (0.43)

Acetal Banding Tensioning Tool



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
TWRHDIT	Acetal Banding, Tensioning Tool	Kit of 1	0.54 (0.24)

CABLE ACCESSORIES

Hangar Solutions

Polymer Round Member Adapters



Application: Cable Support
Size: 1/2" Wide, Adjustable Diameter
Feature: Adapts to Round Members
Mounts to: Versions from 1" to 6"
Material: Nylon
Includes: Round Member Adapter
Order Separately: Hangers & Adapters



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
RMA100P	Polymer Round Member Adapter 1" to 2" (25.4mm - 50.8mm)	Kit of 10	0.31 (0.14)
RMA200P	Polymer Round Member Adapter 2" to 3" (50.8mm - 76.2mm)	Kit of 10	0.33 (0.15)
RMA300P	Polymer Round Member Adapter 3" to 4" (76.2mm - 101.6mm)	Kit of 10	0.37 (0.17)
RMA400P	Polymer Round Member Adapter 4" to 5" (101.6mm - 127.0mm)	Kit of 10	0.4 (0.18)
RMA500P	Polymer Round Member Adapter 5" to 6" (127.0mm - 152.4mm)	Kit of 10	0.42 (0.19)

CABLE ACCESSORIES

Hanger Solutions

Large Cable Support Blocks



Application: Cable Support
Size: 4mm to 2-1/4" Cable
Design: Molded Polymer
Feature: Compact, Multi-Run Hanger
Mounts from: 8mm up to 3/8" Threaded Rod
Material: Engineered Plastic
Includes: Cable Support Blocks
Order Separately: Mounting Hardware Kits & Barrel Cushions



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
CBA4	Cable Block for 4mm x 6mm Fiber Kit	Kit of 10	1.26 (0.57)
CBA14	Cable Block for 1/4" (6 - 8mm) Cable	Kit of 10	0.98 (0.44)
CBA38	Cable Block for 3/8" (10 - 12mm) Cable	Kit of 10	1.19 (0.54)
CBA12	Cable Block for 1/2" (15 - 17mm) Cable	Kit of 10	1.43 (0.65)
CBA58	Cable Block for 5/8" (18 - 20mm) Cable	Kit of 10	1.43 (0.65)
CBA23	Cable Block for 22 - 24mm Cable	Kit of 10	1.5 (0.68)
CBA78	Cable Block for 7/8" (27 - 29mm) Cable	Kit of 10	1.8 (0.82)
CBA35	Cable Block for 34 - 36mm Cable	Kit of 10	2 (0.91)
CBA114	Cable Block for 1-1/4" (39 - 42mm) Cable	Kit of 10	2.5 (1.13)
CBA158	Cable Block for 1-5/8" (50 - 54mm) Cable	Kit of 10	3.06 (1.39)
CBA214	Cable Block for 2-1/4" (56 - 58mm) Cable	Kit of 10	3.06 (1.39)

Small Cable Support Blocks



Application: Cable Support
Size: 1/4" to 1-5/8" Cable
Design: Molded Polymer
Feature: Single-Run Hanger
Mounts from: 8mm up to 3/8" Threaded Rod
Material: Engineered Plastic
Includes: Block Assembly Clamps
Order Separately: Mounting Hardware Kits & Barrel Cushions



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
CBAH14	Hanger Half Clamps for 1/4" (6 - 8mm) Cable	Kit of 10	0.89 (0.4)
CBAH38	Hanger Half Clamps for 3/8" (10 - 12mm) Cable	Kit of 10	1.02 (0.46)
CBAH12	Hanger Half Clamps for 1/2" (15 - 17mm) Cable	Kit of 10	1.19 (0.54)
CBAH58	Hanger Half Clamps for 5/8" (18 - 20mm) Cable	Kit of 10	1.36 (0.62)
CBAH78	Hanger Half Clamps for 7/8" (27 - 29mm) Cable	Kit of 10	1.53 (0.69)
CBAH114	Hanger Half Clamps for 1-1/4" (39 - 42mm) Cable	Kit of 10	1.89 (0.86)
CBAH158	Hanger Half Clamps for 1-5/8" (50 - 54mm) Cable	Kit of 10	2.25 (1.02)

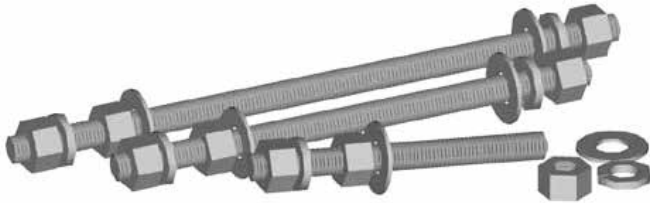
CABLE ACCESSORIES

Hanger Solutions

Stainless Steel Mounting Hardware Kits for Cable Support Blocks and Hanger Clamps



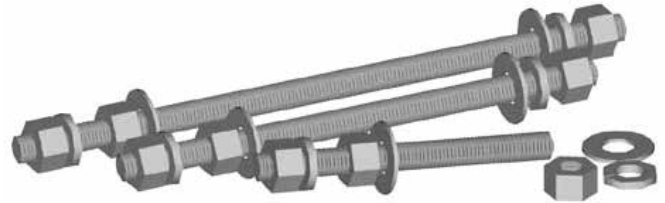
Application: Cable Support
Size: 3/8"
Design: Hardware Kit for Cable Support Blocks
Material: Stainless Steel
Includes: 10 x Threaded rods, 30 x Hex Nuts, 20 x Lock & 40 x Flat Washers
Order Separately: Cable Support Blocks



Galvanized Mounting Hardware Kits for Cable Support Blocks and Hanger Clamps



Application: Cable Support
Size: 3/8"
Design: Hardware Kit for Cable Support Blocks
Material: Hot Dip Galvanized Steel
Includes: 10 x Threaded rods, 30 x Hex Nuts, 20 x Lock & 20 x Flat Washers
Order Separately: Cable Support Blocks



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
CBHK1SS	3/8" x 4-3/4" Stainless Steel Hardware Kit for One Cable Block	Kit of 10	1.83 (0.83)
CBHK2SS	3/8" x 7-1/4" Stainless Steel Hardware Kit for Two Cable Blocks	Kit of 10	2.47 (1.12)
CBHK3SS	3/8" x 9-3/4" Stainless Steel Hardware Kit for Three Cable Blocks	Kit of 10	2.89 (1.31)

*Metric Hardware Available Upon Request

Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
HKSSCB158	3/8" x 4-1/4" Galvanized Hardware Kit for One Cable Block	Kit of 10	1.83 (0.83)
HKDSCB158	3/8" x 7" Galvanized Hardware Kit for Two Cable Blocks	Kit of 10	2.47 (1.12)
HKTSCB158	3/8" x 9-1/2" Galvanized Hardware Kit for Three Cable Blocks	Kit of 10	2.89 (1.31)

*Metric Hardware Available Upon Request

CABLE ACCESSORIES

Hangar Solutions

Universal Barrel Cushions

Universal Barrel Cushions provide versatility in all applications reducing material and installation costs by mounting a wide range of cable sizes in a single cushion with a single attachment point.

The unique design allows Barrel Cushions to be individually installed utilizing Butterfly, Stackable Hangers, and Cable Blocks. Barrel Cushions are constructed from UV-resistant, EPDM rubber which is durable in extreme temperatures and harsh environmental conditions.

Universal Barrel Cushions are available to fit all standard cable hanger sizes and can accommodate a wide range of cable diameters.

Application:	Cable Support
Size:	1/2" to 2-1/4" Cable
Design:	Molded Rubber
Feature:	Universal Cable Fit
Mounts From:	Snap-in, Butterfly or Block Hangers
Material:	EPDM Rubber
Includes:	Barrel Cushions
Order Separately:	Hanger & Adapters

Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
BCU12	Universal Barrel Cushion, 1/2" Hanger (4 - 10mm)	Kit of 10	0.26 (0.12)
BCU78	Universal Barrel Cushion, 7/8" Hanger (4 - 14mm)	Kit of 10	0.57 (0.26)
BCU114	Universal Barrel Cushion, 1-1/4" Hanger (14 - 25mm)	Kit of 10	1.1 (0.5)
BCU158	Universal Barrel Cushion, 1-5/8" Hanger (14 - 36mm)	Kit of 10	1.3 (0.59)
BCU158M7	Universal Barrel Cushion with 7 Holes, 1-5/8" Hanger (7 x 4 - 10mm)	Kit of 10	1.79 (0.81)
BCU214	Universal Barrel Cushion, 2-1/4" Hanger (14 - 43mm)	Kit of 10	2.36 (1.07)

Our materials are:

- U.S. Engineered
- Patented product US9438021
- ROHS2 and REACH compliant
- Quality tested for durability and strength surpassing all industry standards

Mounting Options



BCU158



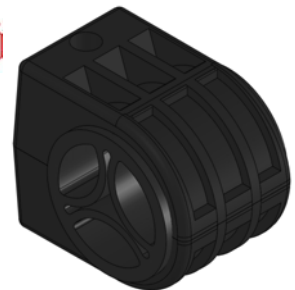
Butterfly Hanger



Snap-in Hanger



BCU158M7



Cable Blocks

CABLE ACCESSORIES

Hanger Solutions

Cushion Inserts



Application: Cable Support
Size: 1/4" to 1-1/4" Cable
Design: Molded Rubber, RoHS & REACH Compliant
Feature: Single Run
Mounts From: Snap-in, Butterfly or Cable Block Hangers
Material: EPDM Rubber
Includes: Insert Barrel Cushions



Part #		Description	Hanger Size	Kit Qty	Wt. lbs (Wt. Kg)
CIN3812		Cushion with 1 Hole, 1 x 3/8" (10 - 11mm)	1/2"	Kit of 10	0.2 (0.09)
CIN1478		Cushion with 1 Hole, 1 x 1/4" (7 - 8mm)	7/8"	Kit of 10	0.93 (0.42)
CIN3878		Cushion with 1 Hole, 1 x 3/8" (10 - 11mm)	7/8"	Kit of 10	0.95 (0.43)
CIN1278		Cushion with 1 Hole, 1 x 1/2" (15 - 17mm)	7/8"	Kit of 10	0.71 (0.32)
CIN536478		Cushion with 1 Hole, 1 x 53/64" (21 - 23mm)	7/8"	Kit of 10	0.4 (0.18)
CIN14114		Cushion with 1 Hole, 1 x 1/4" (7 - 8mm)	1-1/4"	Kit of 10	1.95 (0.88)
CIN38114		Cushion with 1 Hole, 1 x 3/8" (10 - 11mm)	1-1/4"	Kit of 10	1.9 (0.86)
CIN58114		Cushion with 1 Hole, 1 x 5/8" (19 - 21mm)	1-1/4"	Kit of 10	1.76 (0.8)
CIN17114		Cushion with 1 Hole, 1 x 17mm - 19mm	1-1/4"	Kit of 10	1.76 (0.8)
CIN22114		Cushion with 1 Hole, 1 x 22mm - 24mm	1-1/4"	Kit of 10	1.3 (0.59)
CIN28114		Cushion with 1 Hole, 1 x 27mm - 29mm	1-1/4"	Kit of 10	1.1 (0.5)
CIN33114		Cushion with 1 Hole, 1 x 33 - 35mm	1-1/4"	Kit of 10	0.59 (0.27)

*Additional Sizes Available Upon Request

CABLE ACCESSORIES

Hangar Solutions

Barrel Cushions



Application: Cable Support
Size: 1/4" to 2-1/4" Cable
Design: Molded Rubber, RoHS & REACH Compliant
Feature: Multi Run Cushions
Mounts From: Snap-in, Butterfly or Cable Block Hangers
Material: EPDM Rubber
Includes: Barrel Cushions



BC124



BC14381258



BC387

Part #		Description	Hanger Size	Kit Qty	Wt. Lbs (Wt. Kg)
BC2478		Cushion with 1 Hole, 1 x 23 - 25mm	7/8"	Kit of 10	2.16 (0.98)
BC138158		Cushion with 1 Hole, 1 x 34 - 36mm	1-5/8"	Kit of 10	1.62 (0.73)
BC134158		Cushion with 1 Hole, 1 x 43 - 45mm	1-5/8"	Kit of 10	0.75 (0.34)
BC1023158		Cushion with 2 Holes, 1 x 10 - 11mm & 1 x 22 - 24mm	1-5/8"	Kit of 10	2.4 (1.09)
BC582		Cushion with 2 Holes, 2 x 20 - 22mm	1-5/8"	Kit of 10	2.2 (1)
BC1028158		Cushion with 2 Holes, 1 x 10 - 11mm & 1 x 27 - 29mm	1-5/8"	Kit of 10	2.4 (1.09)
BC10202158		Cushion with 3 Holes, 1 x 10 - 11mm & 2 x 19 - 21mm	1-5/8"	Kit of 10	2.04 (0.92)
BC10232158		Cushion with 3 Holes, 1 x 10 - 11mm & 2 x 22 - 24mm	1-5/8"	Kit of 10	1.84 (0.83)
BC3819163		Cushion with 4 Holes, 1 x 10 - 11mm & 3 x 14 - 16mm	1-5/8"	Kit of 10	2.7 (1.22)
BC124		Cushion with 4 Holes, 4 x 15 - 17mm	1-5/8"	Kit of 10	1.8 (0.82)
BC053383		Cushion with 6 Holes, 3 x 5 - 6mm & 3 x 10 - 11mm	1-5/8"	Kit of 10	2.91 (1.32)

*Additional Sizes Available Upon Request

CABLE ACCESSORIES

Hanger Solutions

Barrel Cushions



Application: Cable Support
Size: 1/4" to 2-1/4" Cable
Design: Molded Rubber, RoHS & REACH Compliant
Feature: Multi Run Cushions
Mounts From: Snap-in, Butterfly or Cable Block Hangers
Material: EPDM Rubber
Includes: Barrel Cushions



BC144582



BC144384



BC384582

Part #		Description	Hanger Size	Kit Qty	Wt. Lbs (Wt. Kg)
BC144122		Cushion with 6 Holes, 4 x 6 - 7mm & 2 x 15 - 17mm	1-5/8"	Kit of 10	2.2 (1)
BC144384		Cushion with 8 Holes, 4 x 6 - 7mm & 4 x 9 - 11mm	1-5/8"	Kit of 10	2.37 (1.07)
BC384122		Cushion with 6 Holes, 4 x 10 - 11mm & 2 x 15 - 17mm	1-5/8"	Kit of 10	1.92 (0.87)
BC144582		Cushion with 6 Holes, 4 x 6 - 7mm & 2 x 20 - 22mm	1-5/8"	Kit of 10	1.79 (0.81)
BC1439163		Cushion with 6 Holes, 3 x 6 - 7mm & 3 x 14 - 16mm	1-5/8"	Kit of 10	2.56 (1.16)
BC6810121425		Cushion with 6 Holes, 1 x 6 - 7mm, 1 x 8 - 9mm, 1 x 10 - 11mm, 1 x 11 - 13mm, 1 x 13 - 15mm & 1 x 24 - 26mm	1-5/8"	Kit of 10	1.61 (0.73)
BC387		Cushion with 7 Holes, 7 x 9 - 10mm	1-5/8"	Kit of 10	2.14 (0.97)
BC064124		Cushion with 8 Holes, 4 x 6 - 7mm & 4 x 11 - 13mm	1-5/8"	Kit of 10	1.7 (0.77)
BC567121530		Cushion with 9 Holes, 2 x 5 - 6mm, 2 x 6 - 7mm, 2 x 7 - 8mm, 1 x 11 - 13mm, 1 x 14 - 16mm & 1 x 29 - 30mm	1-5/8"	Kit of 10	1.1 (0.5)
BC1410		Cushion with 10 Holes, 10 x 5 - 7mm	1-5/8"	Kit of 10	2.58 (1.17)
BC384582		Cushion with 6 Holes, 4 x 9 - 11mm & 2 x 20 - 22mm	2-1/4"	Kit of 10	2.44 (1.1)
BC14381258		Cushion with 8 Holes, 4 x 6 - 7mm, 2 x 10 - 11mm, 1 x 15 - 17mm & 1 x 20 - 22mm	2-1/4"	Kit of 10	3.31 (1.5)

*Additional Sizes Available Upon Request

CABLE ACCESSORIES

Hanger Solutions

Barrel Cushion Elliptical



Application: Cable Support
Size: Elliptical Waveguide
Design: Molded Rubber, RoHS & REACH Compliant
Feature: Single/Multi Run
Mounts From: Snap-in, Butterfly, or Cable Block Hangers
Material: EPDM Rubber
Includes: Barrel Cushions



Part #		Description	Hanger Size	Kit Qty	Wt. lbs (Wt. Kg)
CINE040638		Cushion Insert for 4mm x 6mm Cable	3/8"	Kit of 10	0.12 (0.05)
CINE040612		Cushion Insert for 4mm x 6mm Cable	1/2"	Kit of 10	0.23 (0.1)
BCE151		Elliptical Cushion for E015, 40mm x 28mm	1-5/8"	Kit of 10	1.87 (0.85)
BCE771		Elliptical Cushion for E78, EWP77 & EW77, 43mm x 25mm	1-5/8"	Kit of 10	1.74 (0.79)
BCE1051		Elliptical Cushion for EW85, EP100 & E105, 33mm x 20mm	1-5/8"	Kit of 10	2.21 (1)
BCE902		Elliptical Cushion for EW90, EWP90 & EWP90S, 33mm x 20mm	1-5/8"	Kit of 10	1.54 (0.7)
BCE2202		Elliptical Cushion for EWP180, EW180, E185, E038 & E220, 33mm x 20mm	1-5/8"	Kit of 10	2.67 (1.21)
BC2431		Elliptical Cushion, 24mm x 31mm	1-5/8"	Kit of 10	2.16 (0.98)
BCE601		Elliptical Cushion for E60, 33mm x 20mm	2-1/4"	Kit of 10	2.3 (1.04)
BCE631		Elliptical Cushion for EWP63, EW63, EWP63S, EWP64, EWP64, E65, EP70 & E11, 33mm x 20mm	2-1/4"	Kit of 10	2.2 (1)

*Additional Sizes Available Upon Request

CABLE ACCESSORIES

Hanger Solutions

SnapStak® Hanger

Application: Cable Support
Size: 1/2" to 1-5/8" Cable
Design: Formed Stainless Steel
Feature: Stackable
Mounts From: 3/4" Holes
Material: Stainless Steel

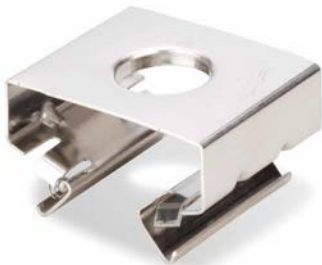


Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SHS12	SnapStak® Hanger for 1/2" Cable (13.7 - 16.2mm)	Kit of 10	0.68 (0.31)
SHS78	SnapStak® Hanger for 7/8" Cable (26.7 - 31mm)	Kit of 10	0.8 (0.36)
SHS114	SnapStak® Hanger for 1-1/4" Cable (37.5 - 43.2mm)	Kit of 10	0.96 (0.43)
SHS158	SnapStak® Hanger for 1-5/8" Cable (48.2 - 52mm)	Kit of 10	1.13 (0.51)

*Patented Product

Angle Rail Adapter

Application: Cable Support
Size: 3/4" Hole for Snap-in Hangers
Mounts to: 1-5/8" Square Rail
Material: Stainless Steel



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
ARA22	Angle Rail Adapter 22mm	Kit of 10	0.77 (0.35)

SnapStak® Plus Adjustable Hanger

Application: Cable Support
Size: 25mm to 51mm Cable
Design: Formed Stainless Steel
Feature: Universal Fit Without Cushions
Mounts to: 3/4" Holes
Material: Stainless Steel



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SSHXL	SnapStak® Plus Hanger Kit, Extra Large (36 - 51mm)	Kit of 10	1.1 (0.5)

*Patented Product

Snap-in Hanger

Application: Cable Support
Size: 1/2" to 1-5/8" Cable
Design: Formed Stainless Steel
Mounts to: 3/4" Hole
Material: Stainless Steel



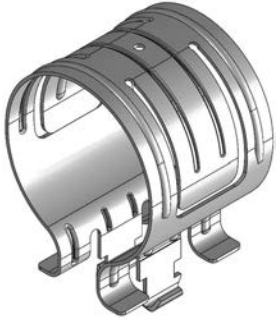
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
FSH12	Snap-in Hanger for 1/2" (13 - 19mm) Cable	Kit of 10	0.66 (0.3)
FSH78	Snap-in Hanger for 7/8" (25 - 28mm) Cable	Kit of 10	0.66 (0.3)
FSH114	Snap-in Hanger for 1-1/4" (36 - 42mm) Cable	Kit of 10	1.9 (0.86)
FSH158	Snap-in Hanger for 1-5/8" (48 - 52mm) Cable	Kit of 10	1.9 (0.86)

CABLE ACCESSORIES

Hangar Solutions

Universal Snap-In Hangers

Application: Cable Support
Size: 1/2" to 2-1/4" Cable
Feature: Universal Cable Diameter
Mounts to: 3/4" Holes
Material: Stainless Steel



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SHU12	Universal Snap-In Hanger for 1/2" (16 - 18mm) Cable	Kit of 10	0.7 (0.3)
SHU58	Universal Snap-In Hanger for 5/8" (18 - 20mm) Cable	Kit of 10	1.0 (0.5)
SHU78	Universal Snap-In Hanger for 7/8" (27 - 29mm) Cable	Kit of 10	1.2 (0.5)
SHU114	Universal Snap-In Hanger for 1-1/4" (39 - 42mm) Cable	Kit of 10	1.3 (0.6)
SHU158	Universal Snap-In Hanger for 1-5/8" (49 - 52mm) Cable	Kit of 10	1.5 (0.7)
SHU214	Universal Snap-In Hanger for 2-1/4" (60 - 63mm) Cable	Kit of 10	1.7 (0.8)

Hangar Hardware Kits

Application: Cable Support
Mounts to: 7/16" Pre-Punched Hole
Material: Stainless Steel
Includes: Bolts, Hex Nuts & Lock Washer
Order Separately: Butterfly Hangers

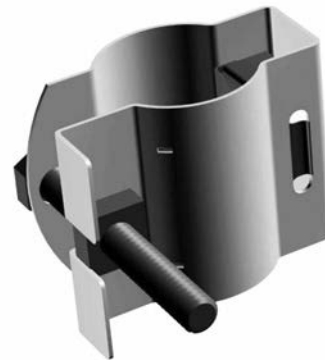


Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
HK3410	Hanger Hardware Kit, 3/8" x 3/4" Slotted Hex Head Bolts, Lock Washers and Hex Nuts	Kit of 10	0.5 (0.2)
HK10010	Hanger Hardware Kit, 3/8" x 1" Slotted Hex Head Bolts, Lock Washers and Hex Nuts	Kit of 10	0.6 (0.3)

*Metric Hardware Kits Available Upon Request

Butterfly Hangers

Application: Cable Support
Design: Formed Stainless Steel
Feature: Heavy Wind Load Support
Mounts to: 7/16" Pre-Punched Hole
Material: Stainless Steel
Includes: Hangers
Order Separately: Hardware Kits & Adapters



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
BH12NH	Butterfly Hanger Kit for 1/2" (16 - 18mm) Cable	Kit of 10	1.0 (0.5)
BH58NH	Butterfly Hanger Kit for 5/8" (18 - 20mm) Cable EW127, EW132, WE130, WE150, E130 & E150	Kit of 10	1.1 (0.5)
BH78NH	Butterfly Hanger Kit for 7/8" (27 - 29mm) Cable EW85, EW90, WE108 & E105	Kit of 10	1.1 (0.5)
BH114NH	Butterfly Hanger Kit for 1-1/4" (39 - 42mm) Cable	Kit of 10	1.4 (0.6)
BH158NH	Butterfly Hanger Kit for 1-5/8" (49 - 52mm) Cable	Kit of 10	1.5 (0.7)
BH214NH	Butterfly Hanger Kit for 2-1/4" (60 - 63mm) Cable	Kit of 10	1.5 (0.7)

Elliptical Waveguide

BH43NH	Butterfly Hanger Kit for EW43, WE37, WE46, E38 and ES46	Kit of 10	1.5 (0.7)
BH52NH	Butterfly Hanger Kit for EW52, WE61 and E60	Kit of 10	1.5 (0.7)
BH63NH	Butterfly Hanger Kit for EW63, WE65 and E65	Kit of 10	1.5 (0.7)
BH64NH	Butterfly Hanger Kit for EW64	Kit of 10	1.4 (0.6)
BH77NH	Butterfly Hanger Kit for EW77, WE78 and E78	Kit of 10	1.3 (0.6)
BH180NH	Butterfly Hanger Kit for EW180, WE191 and E185	Kit of 10	1.0 (0.5)

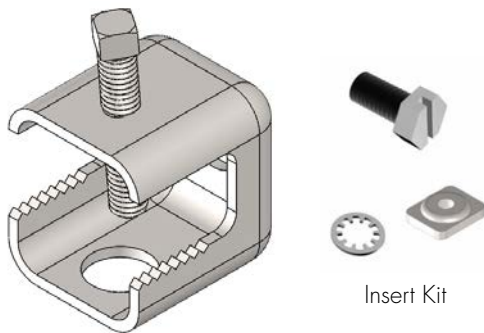
*Hanger Kits Including Hardware Available Upon Request

CABLE ACCESSORIES

Hanger Solutions

Universal Angle Adapters

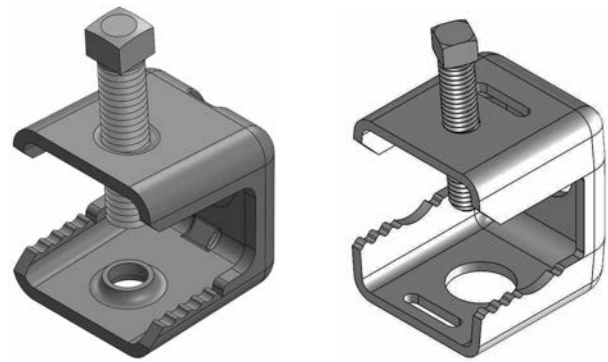
Application: Cable Support
Size: 3/4" Holes with 3/8" Tapped Insert
Feature: Accepts Snap-ins or 3/8" Hardware
Mounts to: Up to 7/8" Angle Members
Material: Hot Dip Galvanized/Stainless Steel
Includes: Adapter, Set Bolt, Hanger Hardware Kit, Available With or Without Insert



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
AAGU	Universal Angle Adapter, Galvanized	Kit of 10	4.9 (2.2)
AAU	Universal Angle Adapter, Stainless Steel	Kit of 10	4.9 (2.2)
AAGUS	Universal Angle Adapter, Snap-In Version, Galvanized (Insert Kit Not Included)	Kit of 10	4.7 (2.1)
AAUS	Universal Angle Adapter, Snap-In Version, Stainless Steel (Insert Kit Not Included)	Kit of 10	4.7 (2.1)

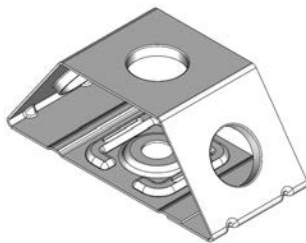
Angle Adapters

Application: Cable Support
Size: 3/4" Holes or 3/8" Holes
Feature: Accepts Snap-ins, 3/8" Hardware
Mounts to: Up to 7/8" Angle Members, Round
Member Adapters
Material: Hot Dip Galvanized/Stainless Steel
Includes: Adapter & Set Bolt



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
AAGL	Angle Adapter with 3/8" Tapped Holes, Galvanized	Kit of 10	4.87 (2.21)
AASL	Angle Adapter with 3/8" Tapped Holes, Stainless Steel	Kit of 10	4.25 (1.93)
UA3G	Universal Snap-In Angle Adapter, Galvanized	Kit of 10	5.01 (2.27)
UA3	Universal Snap-In Angle Adapter, Stainless Steel	Kit of 10	4.85 (2.2)

Universal 3-Way Stand-Off Adapter



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SA38	Universal 3-Way Stand-Off Adapter, Stainless Steel	Kit of 10	1.1 (0.5)

CABLE ACCESSORIES

Hangar Solutions

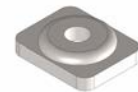
Snap-in Standoff Adapter

Application: Cable Support
Size: 3/4" (19.1mm) Hole
Design: Formed Stainless Steel
Feature: Accepts Snap-in Hangers
Mounts to: 1" to 6" OD Round Members
Material: Stainless Steel
Includes: Adapter & Round Member Adapter
Order Separately: Hangers



Universal Standoff Adapter with Insert

Application: Cable Support
Size: 3/4" (19.1mm) Hole
Design: Formed Stainless Steel
Feature: Accepts Snap-in Hangers
Mounts to: 1" to 6" OD Round Members
Material: Stainless Steel
Includes: Adapter, Round Member Adapter & Insert
Order Separately: Hangers

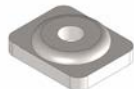


Insert Nut

Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SASS	Snap-in Standoff Adapter (Round Member Adapters Sold Separately)	Kit of 10	2.9 (3.1)
SASS100	Snap-in Standoff Adapter for 1" to 2" (25.4 - 50.8mm) Members	Kit of 10	3.8 (1.7)
SASS200	Snap-in Standoff Adapter for 1" to 3" (25.4 - 76.2mm) Members	Kit of 10	3.9 (1.8)
SASS300	Snap-in Standoff Adapter for 1" to 4" (25.4 - 101.6mm) Members	Kit of 10	4.0 (1.8)
SASS400	Snap-in Standoff Adapter for 1" to 5" (25.4 - 127.0mm) Members	Kit of 10	4.1 (1.9)
SASS500	Snap-in Standoff Adapter for 1" to 6" (25.4 - 152.4mm) Members	Kit of 10	4.1 (1.9)

Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SAUS	Universal Stand-off Adapter, Insert Included, (Round Member Adapters Sold Separately)	Kit of 10	3.41 (1.55)
SAUS100	Standoff Adapter for 1" to 2" (25.4 - 50.8mm) Members, Insert Included	Kit of 10	2.82 (1.2)
SAUS200	Standoff Adapter for 1" to 3" (25.4 - 76.2mm) Members, Insert Included	Kit of 10	4.1 (1.9)
SAUS300	Standoff Adapter for 1" to 4" (25.4 - 101.6mm) Members, Insert Included	Kit of 10	4.1 (1.9)
SAUS400	Standoff Adapter for 1" to 5" (25.4 - 127.0mm) Members, Insert Included	Kit of 10	4.1 (1.9)
SAUS500	Standoff Adapter for 1" to 6" (25.4 - 152.4mm) Members, Insert Included	Kit of 10	4.1 (1.9)

Insert Nut



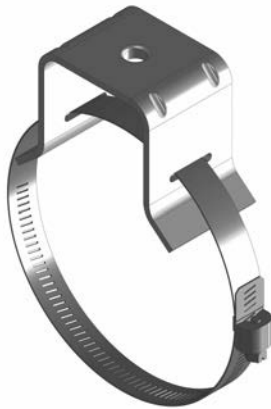
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SAUH	Insert Square Nut, 3/8" Stainless Steel	Kit of 10	0.3 (0.13)
SAUGH	Insert Square Nut, 3/8" Galvanized	Kit of 10	0.33 (0.13)

CABLE ACCESSORIES

Hanger Solutions

Standoff Adapter

Application: Cable Support
Size: 3/8" Threaded Hole
Design: Formed Stainless Steel
Feature: Accepts 3/8" Stainless Steel Hardware
Mounts to: 1" to 6" OD Round Members
Material: Stainless Steel
Includes: Adapter & Round Member Adapter

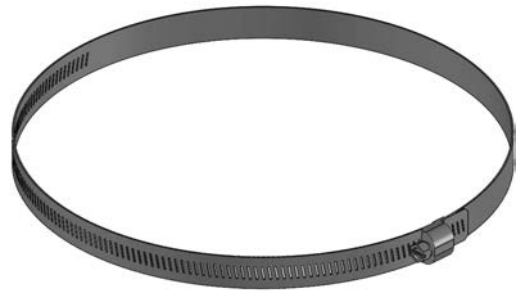


Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SA38S	Standoff Adapter Kit, 3/8" (9.5mm) Threaded Hole (Round Member Adapters Sold Separately)	Kit of 10	3.22 (1.46)
SA38S100	Standoff Adapter for 1" to 2" (25.4 - 50.8mm) Members	Kit of 10	3.63 (1.64)
SA38S200	Standoff Adapter for 2" to 3" (50.8 - 76.2mm) Members	Kit of 10	3.75 (1.7)
SA38S300	Standoff Adapter for 3" to 4" (76.2 - 101.6mm) Members	Kit of 10	3.88 (1.76)
SA38S400	Standoff Adapter for 4" to 5" (101.6 - 127.0mm) Members	Kit of 10	4.13 (1.87)
SA38S500	Standoff Adapter for 5" to 6" (127.0 - 152.4mm) Members	Kit of 10	4.36 (1.98)

*Metric Sizes Available Upon Request

Round Member Adapters

Application: Cable Support
Size: 1/2" Wide, Adjustable Diameter
Feature: Adapts to Round Members
Mounts to: Versions from 1" to 10" Round Members
Material: Stainless Steel
Includes: Round Member Adapter
Order Separately: Hangers & Adapters



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
RMA100	Round Member Adapter, 1" to 2" (25.4 - 50.8mm)	Kit of 10	0.8 (0.36)
RMA200	Round Member Adapter, 1" to 3" (25.4 - 76.2mm)	Kit of 10	1.0 (0.5)
RMA300	Round Member Adapter, 1" to 4" (25.4 - 101.6mm)	Kit of 10	1.2 (0.5)
RMA400	Round Member Adapter, 1" to 5" (25.4 - 127.0mm)	Kit of 10	1.3 (0.6)
RMA500	Round Member Adapter, 1" to 6" (25.4 - 152.4mm)	Kit of 10	1.3 (0.6)
RMA600	Round Member Adapter, 1" to 10" (25.4 - 203mm)	Kit of 10	1.3 (0.6)

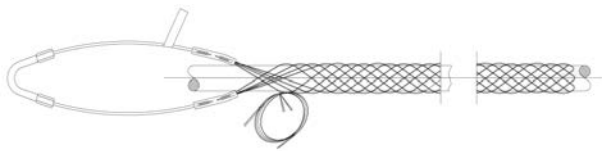
*Individual and Additional Size Round Member Adapters Available Upon Request

CABLE ACCESSORIES

Hangar Solutions

Lace-Up Wire Mesh Grips

Application: Cable Support
Size: Cable & Elliptical Waveguide
Design: For Hoisting, Pulling & Suspension
Feature: Lace-Up Installation at any Point on Cable
Mounts to: Shackle or Beam Clamp
Material: Stainless Steel
Includes: Wire Mesh Grip with Lace

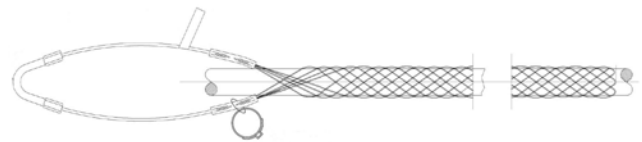


Lace-up Wire Mesh Grip with Lace

Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
HG014	Lace-Up Wire Mesh Grip for 1/4" (7 - 10mm) Cable	Each	0.2 (0.1)
HG038	Lace-Up Wire Mesh Grip for 3/8" (10 - 15mm) Cable	Each	0.2 (0.1)
HG012	Lace-Up Wire Mesh Grip for 1/2" (15 - 20mm) Cable, EW180, WE190, WE191 and E185	Each	0.3 (0.1)
HG058	Lace-Up Wire Mesh Grip for 5/8" (20 - 25mm) Cable, EW122, EW127, EW132, WE122, WE130, WE150, E130 and E150	Each	0.4 (0.2)
HG078	Lace-Up Wire Mesh Grip for 7/8" (25 - 35mm) Cable, EW85, WE90, WE108 and E105	Each	0.6 (0.3)
HG0114	Lace-Up Wire Mesh Grip for 1-1/4" (35 - 45mm) Cable, EW64	Each	0.6 (0.3)
HG0158	Lace-Up Wire Mesh Grip for 1-5/8" (45 - 50mm) Cable, EW52 and EW63	Each	1.3 (0.6)
HG0214	Lace-Up Wire Mesh Grip for 2-1/4" (50 - 63mm) Cable EW37	Each	1.3 (0.6)

Pre-Laced Wire Mesh Grips

Application: Cable Support
Size: 3/8" to 2-1/4" Cable
Design: For Hoisting, Pulling & Suspension
Feature: Pre-Laced to Simplify Installation
Mounts to: Shackle or Beam Clamp
Material: Stainless Steel
Includes: Wire Mesh Grip with Crimping Clamp



Pre-laced Wire Mesh Grip with Crimping Clamp

Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
HGC14	Pre-Laced Wire Mesh Grip for 1/4" (7 - 10mm) Cable	Each	0.2 (0.1)
HGC38	Pre-Laced Wire Mesh Grip for 3/8" (10 - 15mm) Cable	Each	0.3 (0.1)
HGC12	Pre-Laced Wire Mesh Grip for 1/2" (15 - 20mm) Cable	Each	0.4 (0.2)
HGC58	Pre-Laced Wire Mesh Grip for 5/8" (20 - 25mm) Cable	Each	0.4 (0.2)
HGC78	Pre-Laced Wire Mesh Grip for 7/8" (25 - 35mm) Cable	Each	0.5 (0.2)
HGC114	Pre-Laced Wire Mesh Grip for 1-1/4" (35 - 45mm) Cable	Each	0.5 (0.2)
HGC158	Pre-Laced Wire Mesh Grip for 1-5/8" (45 - 50mm) Cable	Each	1.3 (0.6)
HGC214	Pre-Laced Wire Mesh Grip for 2-1/4" (50 - 63mm) Cable	Each	1.3 (0.6)

CABLE ACCESSORIES

Hanger Solutions

PIM Blocker™ Polymer Grips



Application: Cable Support
Size: 1/4" to 1/2" Cable
Design: Mesh Grip with Single Eye Support
Feature: Lace-Up/Pre-Laced
Mounts to: Shackle or Beam Clamp
Material: Engineered Plastic
Includes: Polymer Grip & Tie Wraps



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
HGC14P	Pre-Laced Polymer Grip for 1/4" (6 - 10mm) Cable	Kit of 1	0.22 (0.09)
HGC12P	Pre-Laced Polymer Grip for 1/2" (10 - 16mm) Cable	Kit of 1	0.23 (0.1)
HGO12P	Lace-up Polymer Grip for 1/2" (10 - 16mm) Cable	Kit of 1	0.25 (0.11)

Self-Amalgamating Tape



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SAT1515	Self-Amalgamating Tape, 1.5" x 15', 30mil	Each	0.4 (0.18)
WSSACK	Self-Amalgamating Tape Kit, 1.5" x 15' 30 mil	2 Rolls	0.8 (0.36)

Colored Marking Tape



Part #	Description	Kit Qty	Wt. Lbs (Kg)
CMTB	Colored Marking Tape, Blue, 3/4" x 66'	Each	0.2 (0.09)
CMTBR	Colored Marking Tape, Brown, 3/4" x 66'	Each	0.2 (0.09)
CMTG	Colored Marking Tape, Green, 3/4" x 66'	Each	0.2 (0.09)
CMTGR	Colored Marking Tape, Gray, 3/4" x 66'	Each	0.2 (0.09)
CMTO	Colored Marking Tape, Orange, 3/4" x 66'	Each	0.2 (0.09)
CMTR	Colored Marking Tape, Red, 3/4" x 66'	Each	0.2 (0.09)
CMTV	Colored Marking Tape, Violet, 3/4" x 66'	Each	0.2 (0.09)
CMTW	Colored Marking Tape, White, 3/4" x 66'	Each	0.2 (0.09)
CMTY	Colored Marking Tape, Yellow, 3/4" x 66'	Each	0.2 (0.09)
CMTB10	Colored Marking Tape, Blue, 3/4" x 66'	Kit of 10	2.1 (0.95)
CMTBR10	Colored Marking Tape, Brown, 3/4" x 66'	Kit of 10	2.1 (0.95)
CMTG10	Colored Marking Tape, Green, 3/4" x 66'	Kit of 10	2.1 (0.95)
CMTGR10	Colored Marking Tape, Gray, 3/4" x 66'	Kit of 10	2.1 (0.95)
CMTO10	Colored Marking Tape, Orange, 3/4" x 66'	Kit of 10	2.1 (0.95)
CMTR10	Colored Marking Tape, Red, 3/4" x 66'	Kit of 10	2.1 (0.95)
CMTV10	Colored Marking Tape, Violet, 3/4" x 66'	Kit of 10	2.1 (0.95)
CMTW10	Colored Marking Tape, White, 3/4" x 66'	Kit of 10	2.1 (0.95)
CMTY10	Colored Marking Tape, Yellow, 3/4" x 66'	Kit of 10	2.1 (0.95)

Silicone Self-Amalgamating Tape



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SBSTB1515	Tape, Silicone, 1.5" x 15', 30 mil Black	Each	0.25 (0.11)
SBSTB215	Tape, Silicone, 2" x 15', 30 mil Black	Each	0.30 (0.14)

CABLE ACCESSORIES

Weatherproofing Solutions

Weather Proofing Enclosures

Application: Weather Proofing
Design: Secure Connections
Feature: Ease of Installation
Mounts to: Cables Connections
Material: Polymer & Gel
Includes: Enclosure



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
WE1212L	1/2" to 7/16" DIN Connector Long, Antenna Interface	Each	0.35 (0.16)
WE1212S	1/2" to 7/16" DIN Connector Short, Antenna Interface	Each	0.1 (0.04)
WE1212MDL	1/2" to Mini DIN (4.3 - 10) Long, Antenna Interface	Each	0.45 (0.2)
WE12NEX10	1/2" to Nex 10 Connector, Antenna Interface	Each	0.18 (0.08)
WE12N	1/2" to N Connector, Antenna Interface	Each	0.18 (0.08)
Cable to Cable			
WE1278	1/2" to 7/8" Weather Enclosure	Each	0.65 (0.29)
WE12114	1/2" to 1-1/4" Weather Enclosure	Each	0.95 (0.43)
WE12158	1/2" to 1-5/8" Weather Enclosure	Each	1.10 (0.5)

Universal Weather Proofing Kit

Application: Weather Proofing
Design: Multi-layer VWrap
Feature: RoHS Compliant
Mounts to: Cables & Connectors
Material: Butyl & Vinyl
Includes: 6 x Rolls of Mastic, 1 x Roll of 2" Electrical Tape & 2 x Rolls of 3/4" Electrical Tape



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
WSKU	Universal Weather Proofing Kit	Each	3.4 (1.5)

Electrical Tape



MT4651



MT464



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
MT464	Electrical Tape, 3/4" x 66' x 3/4" ID Core	Each	0.23 (0.1)
MT465	Electrical Tape, 2" x 66' x 3/4" ID Core	Each	0.6 (0.27)
MT4651	Electrical Tape, 2" x 20' x 1-1/4" ID Core	Each	0.19 (0.08)

CABLE ACCESSORIES

Weatherproofing Solutions

EPDM Cold Shrink Weather Proofing Kits

Application: Weather Proofing
Design: Collapsible Sealing Tube
Feature: Universal Spacer Design
Mounts to: Cable Connections
Material: EPDM Tube with Closed Cell Foam Tape
Includes: Tube & Foam Tape



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
CSU1212	Universal Cold Shrink Weather Proofing Kit for 1/2" - 1/2" Cable	Each	0.43 (0.19)
CSU1258	Universal Cold Shrink Weather Proofing Kit for 1/2" - 5/8" Cable	Each	0.4 (0.2)
CSU1278	Universal Cold Shrink Weather Proofing Kit for 1/2" - 7/8" Cable	Each	0.48 (0.22)
CSU12114	Universal Cold Shrink Weather Proofing Kit for 1/2" - 1-1/4" Cable	Each	0.79 (0.4)
CSU12158	Universal Cold Shrink Weather Proofing Kit for 1/2" - 1-5/8" Cable	Each	0.79 (0.4)
CSU12214	Universal Cold Shrink Weather Proofing Kit for 1/2" - 2-1/4" Cable	Each	0.96 (0.4)

Silicone Cold Shrink Weather Proofing Kits

Application: Weather Proofing
Design: Collapsible Sealing Tube
Feature: Universal Spacer Design
Mounts to: Cable Connections
Material: Silicone Tube
Includes: Tube & Foam Tape



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
WHC3263	Silicone Cold Shrink for Cable Connection Between RF Device and 1/2" Jumper Cable with 7/16 DIN Connector	Each	0.047 (0.10)
WHC3264	Silicone Cold Shrink for Cable Connection Between RF Device and 1/2" Jumper Cable with 4.3-10 or N Connector	Each	0.024 (0.05)
WHC3265	Silicone Cold Shrink for Cable Connection Between RF Device and 1/2" or 1/4" Jumper Cable with NEX10 Connector	Each	0.02 (0.04)

Jumper Cable Boot



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
RBC1325	Rubber Boot Cushion with 13mm & 25mm Holes	Each	0.11 (0.04)

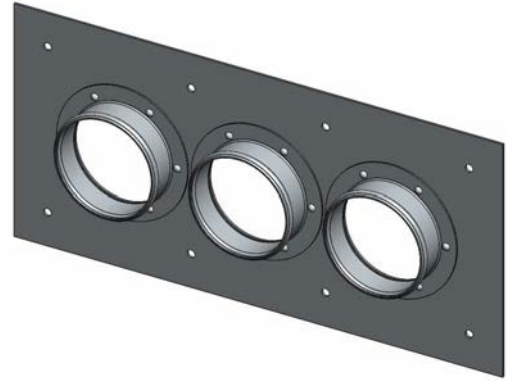
*Other Sizes Available Upon Request.

CABLE ACCESSORIES

Entry Port Solutions

Feed-Thru Entry Panels

Application: Entry Port Solutions
Design: Entry Plate with Round Ports
Mounts to: Walls & Enclosures
Material: Powder Coated Aluminum (Gray)
Includes: Port, Caps, Mounting Hardware
Order Separately: Boot Assemblies



4" Feed-Thru Entry Panel Size Chart							
				Wall Opening Size, in. (Wall Opening Size, mm)		Panel Overall Size, in. (Overall Size, mm)	
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)	Width	Height	Width	Height
EP220	Entry Panel, 1 Port, 1 x 1	Each	1.0 (0.5)	4" (101.6mm)	4" (101.6mm)	7" (177.8mm)	7" (177.8mm)
EP574	Entry Panel, 1 Port, 1 x 1, Compact	Each	1.0 (0.45)	4" (101.6mm)	4" (101.6mm)	5-1/2" (139.7mm)	5-1/2" (139.7mm)
EP1448	Entry Panel, 2 Port, 1 x 2	Each	2.3 (1.0)	10" (254.0mm)	4" (101.6mm)	7" (177.8mm)	7" (177.8mm)
EP1635	Entry Panel, 3 Port, 1 x 3	Each	2.9 (1.3)	15" (381.0mm)	4" (101.6mm)	20" (508.0mm)	9-1/2" (241.3mm)
EP1199	Entry Panel, 4 Port, 2 x 2	Each	4.2 (1.9)	9-1/2" (241.3mm)	11" (279.4mm)	17-1/2" (444.5mm)	17-1/2" (444.5mm)
EP1449	Entry Panel, 6 Port, 2 x 3	Each	6.1 (2.8)	15" (381.0mm)	9-1/2" (241.3mm)	23" (584.2mm)	17-1/2" (444.5mm)
EP576	Entry Panel, 8 Port, 2 x 4	Each	6.1 (2.8)	20-1/2" (520.7mm)	9-1/2" (241.3mm)	25-1/2" (647.7mm)	17-1/2" (444.5mm)
EP1336	Entry Panel, 12 Port, 2 x 6	Each	9.2 (4.2)	31-1/2" (800.1mm)	9-1/2" (241.3mm)	39-1/2" (1003.3mm)	17-1/2" (444.5mm)
EP1447	Entry Panel, 16 Port, 4 x 4	Each	9.1 (4.2)	20-1/2" (520.7mm)	20-1/2" (520.7mm)	25-1/2" (647.7mm)	25-1/2" (647.7mm)
5" Feed-Thru Entry Panel Size Chart							
				Wall Opening Size, in. (Wall Opening Size, mm)		Panel Overall Size, in. (Overall Size, mm)	
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)	Width	Height	Width	Height
EP549	Entry Panel, 1 port, 1 x 1	Each	1.0 (0.5)	5" (127.0mm)	5" (127.0mm)	9-1/2" (241.3mm)	9-1/2" (241.3mm)
EP550	Entry Panel, 2 port, 1 x 2	Each	3.5 (1.6)	12" (304.8mm)	5" (127.0mm)	17-1/2" (444.5mm)	9-1/2" (241.3mm)
EP551	Entry Panel, 3 port, 1 x 3	Each	4.8 (2.2)	19" (482.6mm)	5" (127.0mm)	25-1/2" (647.7mm)	9-1/2" (241.3mm)
EP552	Entry Panel, 4 port, 2 x 2	Each	4.8 (2.2)	12" (304.8mm)	12" (304.8mm)	17-1/2" (444.5mm)	17-1/2" (444.5mm)
EP553	Entry Panel, 6 port, 2 x 3	Each	6.0 (2.7)	19" (482.6mm)	12" (304.8mm)	25-1/2" (647.7mm)	17-1/2" (444.5mm)
EP1191	Entry Panel, 8 port, 2 x 4	Each	7.0 (3.2)	26" (660.4mm)	12" (304.8mm)	33-1/2" (850.9mm)	17-1/2" (444.5mm)
EP1113	Entry Panel, 9 port, 3 x 3	Each	7.0 (3.2)	19" (482.6mm)	19" (482.6mm)	25-1/2" (647.7mm)	25-1/2" (647.7mm)

*Custom Colors and Configurations Available Upon Request.

CABLE ACCESSORIES

Entry Port Solutions

Feed-Thru Boot Assemblies

Application:	Entry Port Solutions
Size:	4" & 5"
Design:	Compression Boot for Aluminum Entry Panels
Feature:	One-Piece Design Simplifies Installation
Mounts to:	Entry Panels
Material:	EPDM Rubber
Includes:	Boot, Two (2) Hose Clamps
Order Separately:	Cushion Inserts & Entry Panel

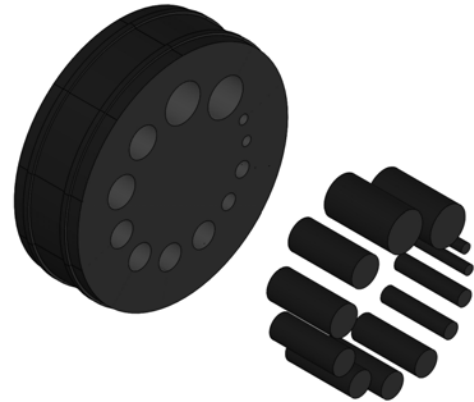


Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
BA400	4" Boot Assembly, Cushion Not Included	Each	1.3 (0.6)
BA500	5" Boot Assembly, Cushion Not Included	Each	1.3 (0.6)

*Boot Assemblies Including Cushions are Available Upon Request

Standard Cable Cushion Plugs

Application:	Entry Port Solutions
Size:	1/2" to 7/8" Cable
Design:	Plugs for Unused Cushion Holes
Feature:	Allows for Future Expansion
Mounts to:	Cushion Inserts
Material:	EPDM Rubber
Includes:	Plugs
Order Separately:	Cushion Inserts or Boot Assemblies



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
CP12	Cushion Plug for 1/2" Cable	Kit of 5	0.1 (0.1)
CP38	Cushion Plug for 3/8" Cable	Kit of 5	0.2 (0.1)
CP58	Cushion Plug for 5/8" Cable	Kit of 5	0.1 (0.1)
CP78	Cushion Plug for 7/8" Cable	Kit of 5	0.2 (0.1)

Entry Port Caps



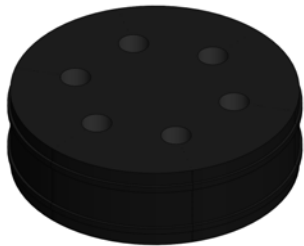
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
EPCAP4	Port Cover for 4" Feed-thru Entry Panel	Each	0.13 (0.06)
EPCAP5	Port Cover for 5" Feed-thru Entry Panel	Each	0.14 (0.06)

CABLE ACCESSORIES

Entry Port Solutions

Standard Cable Cushions

Application: Entry Port Solutions
Size: Cable & Elliptical Waveguide
Design: Compression Fit Round Cushions
Feature: Dependable Seal
Material: EPDM Rubber
Includes: Cushion
Order Separately: Boot Assembly, Entry Panel



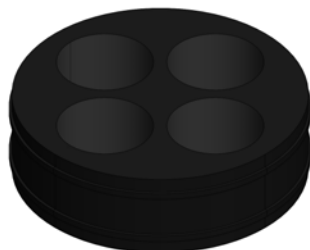
SCRG86



SC1581



SC781



SC784

Part #	Description	Kit Qty	Wt. lbs (Wt. Kg)
SCB	Standard Port Cushion, Blank (No Holes)	Each	0.4 (0.2)
SC381	Standard Port Cushion with 1-Hole for 3/8" Cable	Each	0.4 (0.2)
SC383	Standard Port Cushion with 3-Holes for 3/8" Cable	Each	0.4 (0.2)
SC389	Standard Port Cushion with 9-Holes for 3/8" Cable	Each	0.4 (0.2)
SC121	Standard Port Cushion with 1-Hole for 1/2" Cable	Each	0.4 (0.2)
SC122	Standard Port Cushion with 2-Holes for 1/2" Cable	Each	0.4 (0.2)
SC123	Standard Port Cushion with 3-Holes for 1/2" Cable	Each	0.4 (0.2)
SC124	Standard Port Cushion with 4-Holes for 1/2" Cable	Each	0.4 (0.2)
SC125	Standard Port Cushion with 5-Holes for 1/2" Cable	Each	0.4 (0.2)
SC12F1	Standard Port Cushion with 1-Hole for 1/2" Flex Cable	Each	0.4 (0.2)
SC12F2	Standard Port Cushion with 2-Holes for 1/2" Flex Cable	Each	0.4 (0.2)
SC12F3	Standard Port Cushion with 3-Holes for 1/2" Flex Cable	Each	0.4 (0.2)
SC12F4	Standard Port Cushion with 4-Holes for 1/2" Flex Cable	Each	0.4 (0.2)
SC581	Standard Port Cushion with 1-Hole for 5/8" Cable	Each	0.4 (0.2)
SC582	Standard Port Cushion with 2-Holes for 5/8" Cable	Each	0.4 (0.2)
SC583	Standard Port Cushion with 3-Holes for 5/8" Cable	Each	0.4 (0.2)
SC584	Standard Port Cushion with 4-Holes for 5/8" Cable	Each	0.4 (0.2)
SC781	Standard Port Cushion with 1-Hole for 7/8" Cable	Each	0.4 (0.2)
SC782	Standard Port Cushion with 2-Holes for 7/8" Cable	Each	0.4 (0.2)
SC783	Standard Port Cushion with 3-Holes for 7/8" Cable	Each	0.3 (0.1)
SC784	Standard Port Cushion with 4-Holes for 7/8" Cable	Each	0.2 (0.1)
SC1141	Standard Port Cushion with 1-Hole for 1-1/4" Cable	Each	0.3 (0.1)
SC1581	Standard Port Cushion with 1-Hole for 1-5/8" Cable	Each	0.3 (0.1)
SC2141	Standard Port Cushion with 1-Hole for 2-1/4" Cable	Each	0.3 (0.1)
SCRG2136	Standard Port Cushion with 6-Holes for RG11, RG213, RG214, 9913, and LMR-400	Each	0.3 (0.1)
SCRG86	Standard Port Cushion with 6-Holes for RG8 Cable	Each	0.3 (0.1)

*Additional Cushion Configurations are Available Upon Request

CABLE ACCESSORIES

Entry Port Solutions

Standard Elliptical Waveguide Cushions



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SC371	Standard Port Cushion with 1-Hole for WE37	Each	0.3 (0.1)
SC461	Standard Port Cushion with 1-Hole for WE46	Each	0.3 (0.1)
SC521	Standard Port Cushion with 1-Hole for EW52 and WE61	Each	0.3 (0.1)
SC631	Standard Port Cushion with 1-Hole for EW63 and WE65 Elliptical Cable	Each	0.4 (0.2)
SC632	Standard Port Cushion with 2-Holes for EW63 and WE65	Each	0.4 (0.2)
SC771	Standard Port Cushion with 1-Hole for EW77, WE78 and E78	Each	0.4 (0.2)
SC851	Standard Port Cushion with 1-Hole for EW85 and WE108	Each	0.4 (0.2)
SC901	Standard Port Cushion with 1-Hole for EW90	Each	0.4 (0.2)
SC902	Standard Port Cushion with 2-Holes for EW90	Each	0.4 (0.2)
SC1271	Standard Port Cushion with 1-Hole for EW127, WE130 and E130	Each	0.4 (0.2)
SC1501	Standard Port Cushion with 1-Hole for WE150, EW132 and E150	Each	0.4 (0.2)
SC1801	Standard Port Cushion with 1-Hole for EW180, WE191 and E185	Each	0.4 (0.2)
SC2201	Standard Port Cushion with 1-Hole for EW220	Each	0.4 (0.2)

*Additional Cushion Sizes are Available Upon Request

CABLE ACCESSORIES

Grounding Solutions

Universal Ground Kits

Application:	Grounding
Size:	Fits Cable and Elliptical Waveguide
Design:	Coil-Up Installation
Feature:	One-Size-Fits-All Design
Mounts to:	Cable Outer Conductor
Material:	Copper and Tinned Copper
Includes:	Ground Strap, Lug, Heat Shrink, Attachment Hardware, Butyl & Tape



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
GKU2H5U	Universal Ground Kit, Includes 5' Lead with Unattached 1/4" and 3/8" 2-Hole Lug	Each	2.0 (0.9)
GKU2H5UT	Universal Ground Kit, Tinned, Includes 5' Lead with Unattached 1/4" and 3/8" 2-Hole Lug	Each	2.0 (0.9)
ECGKU2H5UT	Universal Ground Kit, Tinned, Includes 5' Lead with Unattached 3/8" 2-Hole Lug	Each	1.9 (0.86)
GKUS	Universal Ground Kit Small for 1/4" and 3/8" (6.22 - 9.65mm) Cable, Tinned, Includes 5' Lead with Field Attached Lug	Each	1.5 (0.7)

*Additional Versions Available Upon Request

Quick Install Tinned Copper Ground Kits

Application:	Grounding
Size:	1/2" to 1-5/8" Cable
Design:	One-Piece Style
Feature:	Easy-to-Install Quick Install Design
Mounts to:	Cable Outer Conductor
Material:	Copper or Tinned Copper
Includes:	Ground Strap, Lug, Heat Shrink, Grease, Attachment Hardware, Butyl & Tape



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
Tinned, 48" Lead with 3/8" 2-Hole Unattached Lug			
GKQ12T	Quick Install Ground Kit for 1/2" (15.5 - 16.5mm) Cable, Tinned	Each	1.5 (0.7)
GKQ78T	Quick Install Ground Kit for 7/8" (26.6 - 28.7mm) Cable, Tinned	Each	1.6 (0.7)
GKQ114T	Quick Install Ground Kit for 1-1/4" (38.3 - 40.1mm) Cable, Tinned	Each	1.5 (0.7)
GKQ158T	Quick Install Ground Kit for 1-5/8" (49.03 - 50.8mm) Cable, Tinned	Each	1.7 (0.8)
Tinned, 24" Lead with 3/8" 2-Hole Attached Lug			
GKQ12T2	Quick Install Ground Kit for 1/2" (15.5 - 16.5mm) Cable, Tinned	Each	1.68 (0.76)
GKQ78T2	Quick Install Ground Kit for 7/8" (26.6 - 28.7mm) Cable, Tinned	Each	1.94 (0.88)
GKQ114T2	Quick Install Ground Kit for 1-1/4" (38.3 - 40.1mm) Cable, Tinned	Each	1.65 (0.75)
GKQ158T2	Quick Install Ground Kit for 1-5/8" (49.03 - 50.8mm) Cable, Tinned	Each	1.86 (0.84)

*Additional Versions Available Upon Request

CABLE ACCESSORIES

Grounding Solutions

Standard Copper Ground Kits

Application:	Grounding
Size:	Versions for Cable and Elliptical Waveguide
Design:	Coil-Up Installation with 5' or 2' Lead
Mounts to:	Cable Outer Conductor
Material:	Copper



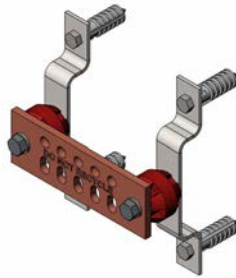
Part #	Description	Kit Qty	Wt. lbs (Wt. Kg)
Copper, 60" Lead with 3/8" 2-hole Unattached Lug			
Includes: Ground Strap, Attachment Hardware, Grease, Lug, Heat Shrink, Butyl & Tape			
GKNS	Standard Ground Kit for 1/2" (15.5 - 16.5mm), EW180, WE191 & E185 Cable	Each	1.5 (0.7)
GKNM	Standard Ground Kit for 5/8", 7/8" (21.3 - 28.7mm), EW85, EW90, WE108, EW127, WE130, E130, EW132 and WE150 cable	Each	1.7 (0.8)
GKNL	Standard Ground Kit for 1-5/8" (49 - 50.8mm), EW52, WE61, EW63 and WE65 Cable	Each	1.8 (0.8)
Copper, 24" Lead with 3/8" 2-hole Attached Lug			
Includes: Ground Strap, Attachment Hardware, Grease, Butyl & Tape			
GKN14C2	Standard Ground Kit for 1/4" (6.22 - 9.65mm) Cable	Each	1.5 (0.7)
GKN12C2	Standard Ground Kit for 1/2" (15.5 - 16.5mm) Cable	Each	1.5 (0.7)
GKN78C2	Standard Ground Kit for 7/8" (21.33 - 28.7mm) Cable	Each	1.8 (0.8)
GKN114C2	Standard Ground Kit for 1-1/4" (38.35 - 40.13mm), EW64, EW77, WE78 and E78 Cable	Each	1.8 (0.8)
GKN158C2	Standard Ground Kit for 1-5/8" (49.02 - 50.8mm) Cable	Each	1.8 (0.8)

CABLE ACCESSORIES

Grounding Solutions

Ground Buss Bar, 2" x 6"

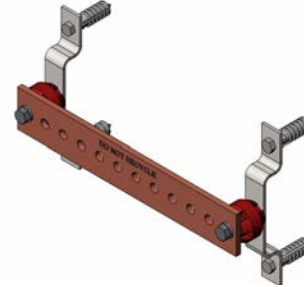
Application: Grounding
Design: Universal Hole Pattern
Mounts to: Wall or Tower
Material: Copper or Tinned Copper



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
GB0206NH	Ground Buss Bar, 1/4" x 2" x 6". Hardware Not Included - Order Separately	Each	1.5 (0.7)
GB0206TNH	Tinned Ground Buss Bar, 1/4" x 2" x 6". Hardware Not Included - Order Separately	Each	1.5 (0.7)
GB0206U	Ground Buss Bar, 1/4" x 2" x 6" with Universal Hardware	Each	4.25 (1.93)
GB0206TU	Tinned Ground Buss Bar, 1/4" x 2" x 6" with Universal Hardware	Each	4.25 (1.93)

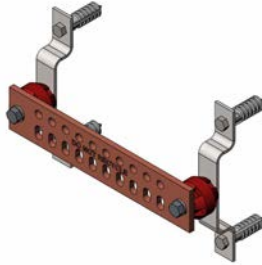
Ground Buss Bar, 2" x 12"

Application: Grounding
Design: Universal Hole Pattern
Mounts to: Wall or Tower
Material: Copper or Tinned Copper



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
GB0212NH	Ground Buss Bar, 1/4" x 2" x 12". Hardware Not Included - Order Separately	Each	1.8 (0.8)
GB0212TNH	Tinned Ground Buss Bar, 1/4" x 2" x 12". Hardware Not Included - Order Separately	Each	1.8 (0.8)
GB0212U	Ground Buss Bar, 1/4" x 2" x 12" with Universal Hardware	Each	4.7 (2.13)
GB0212TU	Tinned Ground Buss Bar, 1/4" x 2" x 12" with Universal Hardware	Each	4.7 (2.13)

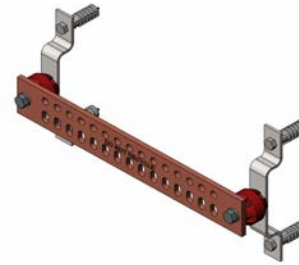
Ground Buss Bar, 2" x 10"



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
GB0210NH	Ground Buss Bar, 1/4" x 2" x 10". Hardware Not Included - Order Separately	Each	1.5 (0.7)
GB0210TNH	Tinned Ground Buss Bar, 1/4" x 2" x 10". Hardware Not Included - Order Separately	Each	1.5 (0.7)
GB0210U	Ground Buss Bar, 1/4" x 2" x 10" with Universal Hardware	Each	4.25 (1.93)
GB0210TU	Tinned Ground Buss Bar, 1/4" x 2" x 10" with Universal Hardware	Each	4.25 (1.93)

*Universal Hardware Versions Available Upon Request

Ground Buss Bar, 2" x 14"



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
GB0214NH	Ground Buss Bar, 1/4" x 2" x 14". Hardware Not Included. - Order Separately	Each	2.1 (1.0)
GB0214TNH	Tinned Ground Buss Bar, 1/4" x 2" x 14". Hardware Not Included - Order Separately	Each	2.1 (1.0)
GB0214U	Ground Buss Bar, 1/4" x 2" x 14" with Universal Hardware	Each	4.7 (2.13)
GB0214TU	Tinned Ground Buss Bar, 1/4" x 2" x 14" with Universal Hardware	Each	4.7 (2.13)

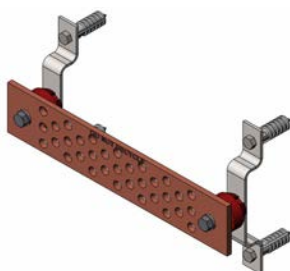
*Universal Hardware Versions Available Upon Request

CABLE ACCESSORIES

Grounding Solutions

Ground Buss Bar, 2" x 12-1/2"

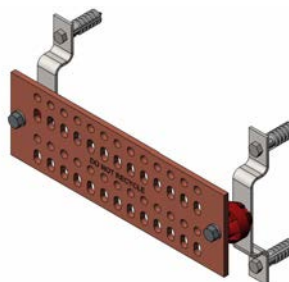
Application: Grounding
Design: Universal Hole Pattern
Mounts to: Wall or Tower
Material: Copper or Tinned Copper



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
GB02512NH	Ground Buss Bar, 1/4" x 2-1/2" x 12-1/2". Hardware Not Included - Order Separately	Each	1.8 (0.8)
GB02512TNH	Tinned Ground Buss Bar, 1/4" x 2-1/2" x 12-1/2". Hardware Not Included - Order Separately	Each	1.8 (0.8)
GB02512U	Ground Buss Bar, 1/4" x 2-1/2" x 12-1/2" with Universal Hardware	Each	5.1 (2.3)
GB02512TU	Tinned Ground Buss Bar, 1/4" x 2-1/2" x 12-1/2" with Universal Hardware	Each	5.1 (2.3)

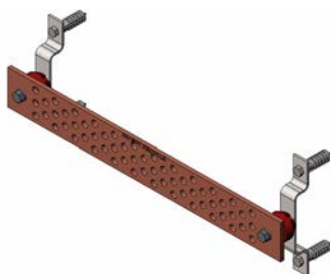
Ground Buss Bar, 4" x 12"

Application: Grounding
Design: Universal Hole Pattern
Mounts to: Wall or Tower
Material: Copper or Tinned Copper



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
GB0412NH	Ground Buss Bar, 1/4" x 4" x 12". Hardware Not Included - Order Separately	Each	3.3 (1.5)
GB0412TNH	Tinned Ground Buss Bar, 1/4" x 4" x 12". Hardware Not Included - Order Separately	Each	3.3 (1.5)
GB0412U	Ground Buss Bar, 1/4" x 4" x 12" with Universal Hardware	Each	5.3 (2.4)
GB0412TU	Tinned Ground Buss Bar, 1/4" x 4" x 12" with Universal Hardware	Each	5.3 (2.4)

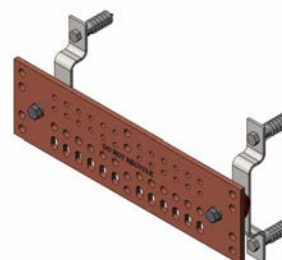
Ground Buss Bar, 2" x 19-1/2"



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
GB02519NH	Ground Buss Bar, 1/4" x 2-1/2" x 19-1/2". Hardware Not Included - Order Separately	Each	3.2 (1.5)
GB02519TNH	Tinned Ground Buss Bar, 1/4" x 2-1/2" x 19-1/2". Hardware Not Included - Order Separately	Each	3.2 (1.5)
GB02519U	Ground Buss Bar, 1/4" x 2-1/2" x 19-1/2" with Universal Hardware	Each	6.3 (2.9)
GB02519TU	Tinned Ground Buss Bar, 1/4" x 2-1/2" x 19-1/2" with Universal Hardware	Each	6.3 (2.9)

*Universal Hardware Versions Available Upon Request

Ground Buss Bar, 4" x 14"



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
GB0414NH	Ground Buss Bar, 1/4" x 4" x 14". Hardware Not Included - Order Separately	Each	3.9 (1.8)
GB0414TNH	Tinned Ground Buss Bar, 1/4" x 4" x 14". Hardware Not Included - Order Separately	Each	3.9 (1.8)
GB0414U	Ground Buss Bar, 1/4" x 4" x 14" with Universal Hardware	Each	6.41 (2.91)
GB0414TU	Tinned Ground Buss Bar, 1/4" x 4" x 14" with Universal Hardware	Each	6.41 (2.91)

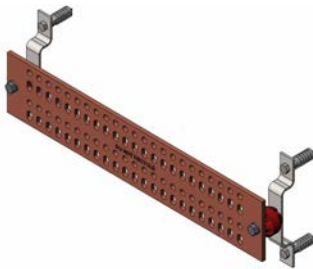
*Universal Hardware Versions Available Upon Request

CABLE ACCESSORIES

Grounding Solutions

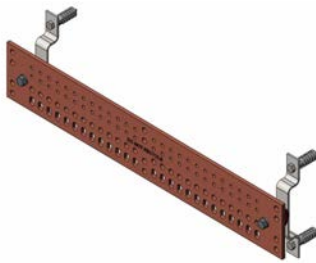
Ground Buss Bar, 4" x 20"

Application:	Grounding
Design:	Universal Hole Pattern
Mounts to:	Wall or Tower
Material:	Copper or Tinned Copper



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
GB0420NH	Ground Buss Bar, 1/4" x 4" x 20". Hardware Not Included - Order Separately	Each	3.0 (1.4)
GB0420TNH	Tinned Ground Buss Bar, 1/4" x 4" x 20". Hardware Not Included - Order Separately	Each	3.0 (1.4)
GB0420U	Ground Buss Bar, 1/4" x 4" x 20" with Universal Hardware	Each	7.4 (3.35)
GB0420TU	Tinned Ground Buss Bar, 1/4" x 4" x 20" with Universal Hardware	Each	7.4 (3.35)

Ground Buss Bar, 4" x 24"

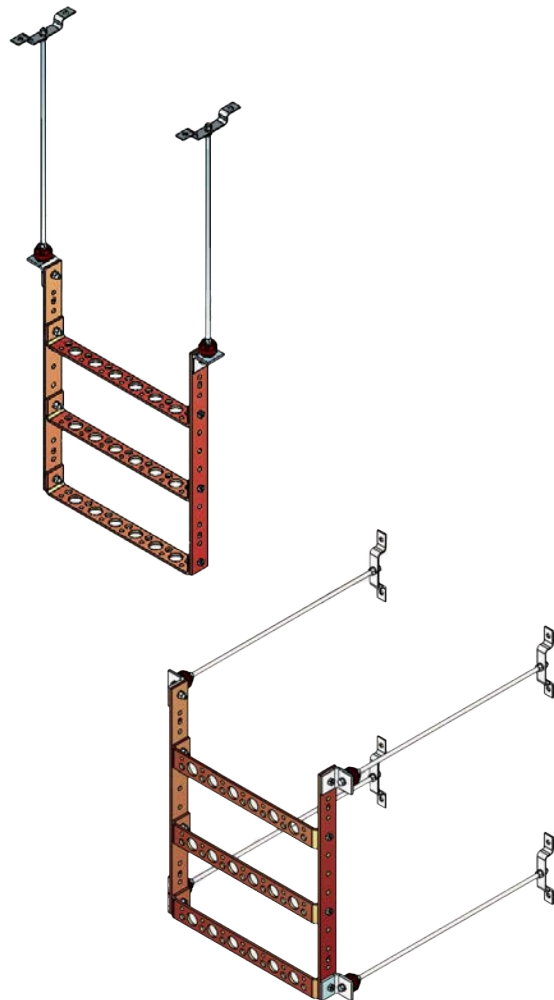


Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
GB0424NH	Ground Buss Bar, 1/4" x 4" x 24". Hardware Not Included - Order Separately	Each	6.5 (3.0)
GB0424TNH	Tinned Ground Buss Bar, 1/4" x 4" x 24". Hardware Not Included - Order Separately	Each	6.5 (3.0)
GB0424U	Ground Buss Bar, 1/4" x 4" x 24" with Universal Hardware	Each	9.7 (4.4)
GB0424TU	Tinned Ground Buss Bar, 1/4" x 4" x 24" with Universal Hardware	Each	9.7 (4.4)

*Universal Hardware Versions Available Upon Request

Arrestor Trapeze Kit

Application:	Grounding
Size:	3 x 6 Hole Pattern
Design:	Common Ground for Lightning Arrestors
Feature:	Accommodates Most Arrestor Styles
Mounts to:	Ceiling or Wall Mounting
Material:	Copper
Includes:	Trapeze, Threaded Rod, Ceiling Brackets



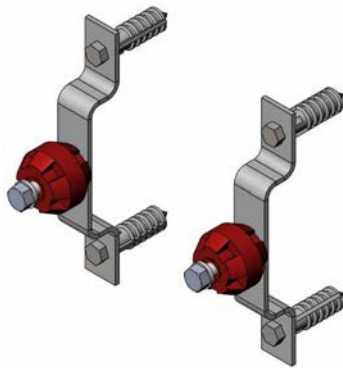
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
ATK306U	Arrestor Trapeze Kit, 3 x 6	Each	23.3 (9.7)

CABLE ACCESSORIES

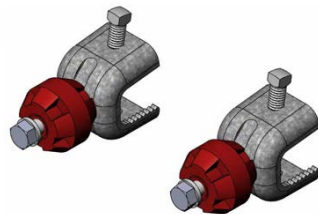
Grounding Solutions

Universal Buss Bar Hardware Kit

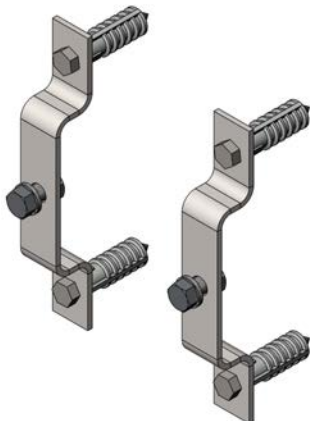
Application: Grounding
Feature: Universal Kit, Multiple Configurations
Mounts to: Wall or Tower
Includes: Wall Brackets, Angle Adapters, Insulators and Hardware



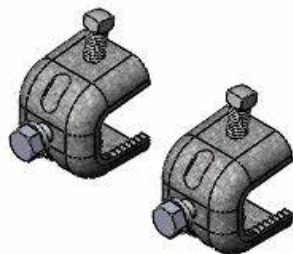
Insulated Shelter Method



Insulated Tower Method



Non-Insulated Shelter Method



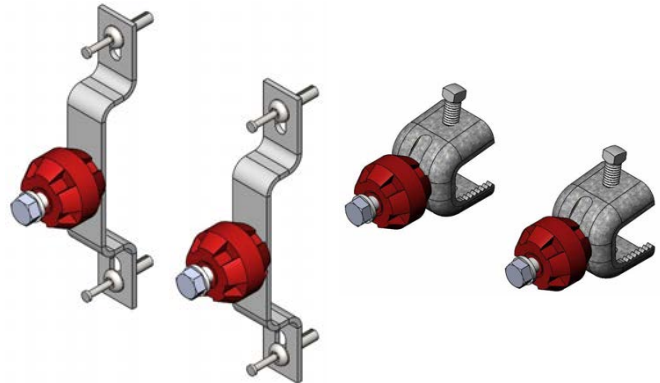
Non-Insulated Tower Method

Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
GBHKU	Universal Buss Bar Hardware Kit	Each	3.9 (1.8)

*Universal Buss Bar Hardware Kits Include Insulators and All Components Necessary to Mount a Buss Bar to a Wall or Tower

Universal Buss Bar Drive Pin Anchor Hardware Kit

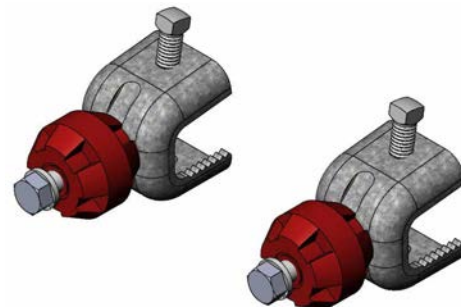
Application: Grounding
Feature: Drive Pin Anchor
Mounts to: Wall
Material: Hot Dip Galvanized Steel
Includes: All Brackets, Insulator, Drive Pins and Hardware



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
GBHKDPU	Universal Buss Bar Drive Pin Anchor Hardware Kit	Each	2.18 (1.0)

Buss Bar Hardware Kit for Insulated Tower

Application: Grounding
Feature: Insulated Tower
Mounts to: Tower
Material: Galvanized Steel
Includes: Angle Adapters, Insulators and Hardware



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
GBIT	Buss Bar Hardware Kit, Insulated Tower	Each	3.5 (1.6)

STEEL PRODUCTS



Visit us at: www.wanho.com - E-mail us at: customerservice@wanho.com - U.S. Telephone: 1 (203) 759.3744

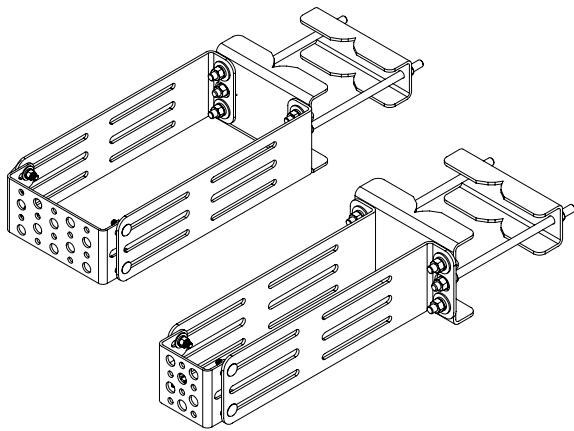
STEEL PRODUCTS

RRU Support

Universal RRU Mount



Application: Radio Mounts
Size: 18" Standoff
Design: Formed Steel
Feature: Adjustable Width, 4.8" or 9.5"
Mounts From: Angled and Round Member up to 5" OD
Material: Hot Dip Galvanized Steel
Includes: Mounting Brackets & Attachment Hardware

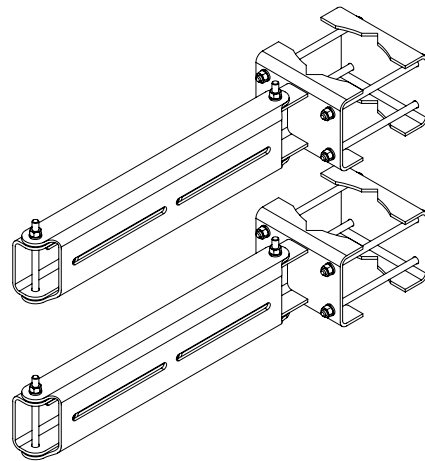


Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
RRUMBL	Universal RRU Mount	Kit of 2	36 (16.3)
RRUMBL3	Universal RRU Mount	Kit of 3	54 (24.3)

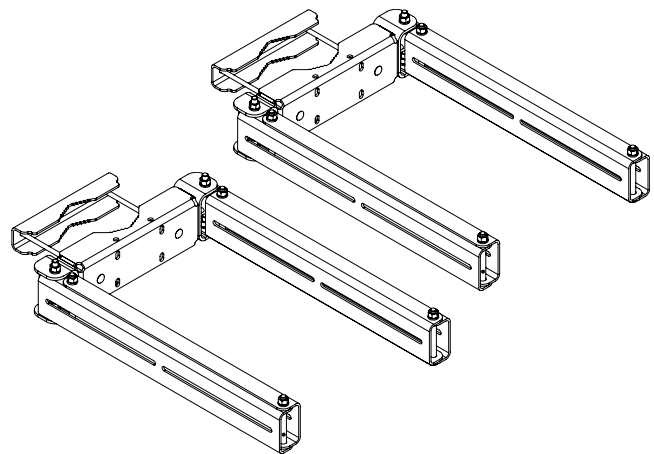
RRU Dual Swivel Mount



Application: Radio Mounts
Size: 21" Standoff
Design: Formed Steel
Feature: Dual Pivot Points
Mounts From: Angled and Round Member up to 5" OD
Material: Hot Dip Galvanized Steel
Includes: Mounting Brackets & Attachment Hardware



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
RRUDSM	RRU Dual Swivel Mount	Kit of 2	46 (20.8)



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
RRUDPM	Dual RRU Pivoting Tower Mount	Kit of 2	43.5 (19.7)

STEEL PRODUCTS

Cable Support

PIM Blocker™ Alpha Bracket



PIM Blocker™ Alpha Brackets can be assembled in multiple configurations to support cabling between tower top radios and antennas. The primary support bracket mounts to 2-3/8" – 3-1/2" OD pipes via a U-bolt connection. The bracket extenders can be attached in any location allowing optimum flexibility to meet tower top configuration requirements. Each primary or extender bracket is 2" x 2" x 14" and is pre-punched with 7/16" and 3/4" hanger mounting holes to accommodate all styles of cable hangers.

The Alpha Bracket is the most installer friendly and flexible support bracket available in today's market with limitless configurations to meet your installation requirements.

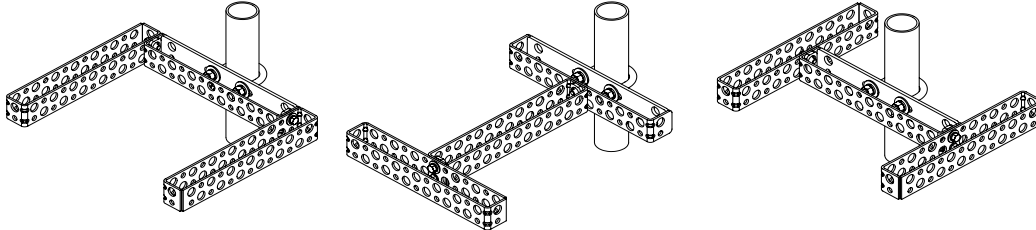
The Alpha Bracket is available in 3 or 4 module kits. Additional extensions may be purchased separately to create larger configurations up to 6 modules total. This unique design provides maximum versatility while protecting from PIM.

Application:	Cable Support
Size:	2" x 2" x 14" Modules
Design:	Formed Steel
Feature:	Configurable
Mounts to:	2-3/8" to 3-1/2" OD Round Members
Material:	Hot Dip Galvanized Steel
Includes:	Bracket, 2-3/8" & 2-7/8" U-Bolts
Order Separately:	3-1/2" OD U-Bolt

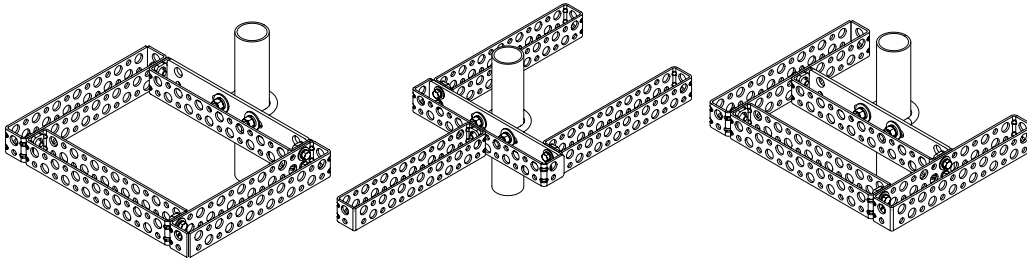
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
PBAB143	PIM Blocker™ Alpha Bracket 14", 3-Piece configuration	Kit of 1	8.4 (3.8)
PBAB144	PIM Blocker™ Alpha Bracket 14", 4-Piece configuration	Kit of 1	9.9 (4.5)
PBAB14K01	PIM Blocker™ Extender Bracket 14"	Kit of 1	2.2 (1)
PBAB14K10	PIM Blocker™ Extender Bracket 14", Kit of 10	Kit of 10	22 (10)

*Patented Product

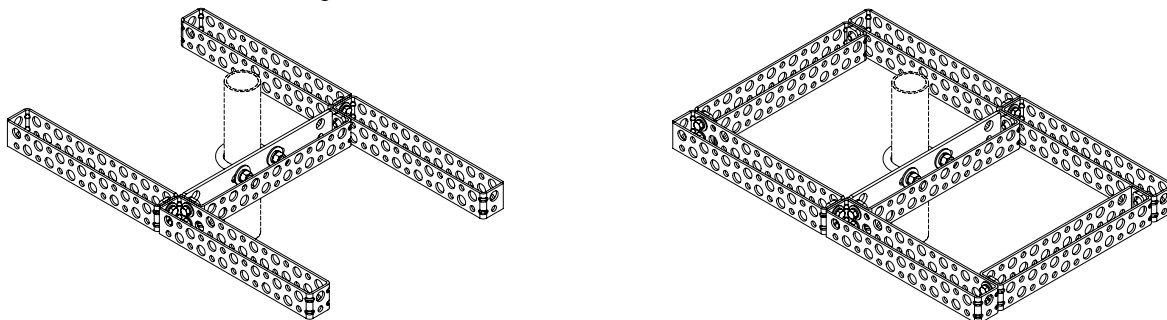
PBAB143 Common Configurations:



PBAB144 Common Configurations:



PBAB143 with Extension Bracket Configurations:



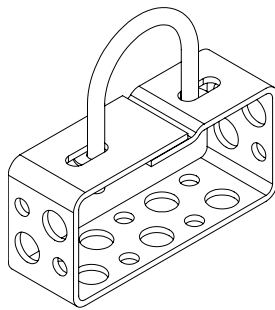
STEEL PRODUCTS

Cable Support

PIM Blocker™ 9-Position Bracket



Application: Cable Support
Size: 3" x 6-1/4" x 2"
Design: Formed Steel
Mounts to: 2-3/8" to 3-1/2" OD Round Members
Material: Hot Dip Galvanized Steel
Includes: Bracket, 2-3/8" & 2-7/8" U-Bolts
Order Separately: 3-1/2" OD U-Bolt

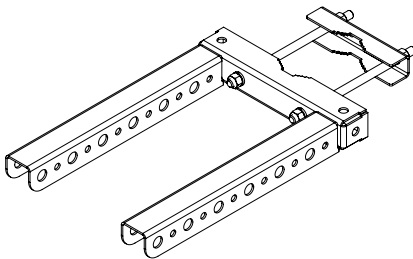


Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
PBPM09	PIM Blocker™ 9-Position Bracket	Kit of 1	1.65 (0.75)
PBPM09K10	PIM Blocker™ 9-Position Bracket, Kit of 10	Kit of 10	16.5 (7.5)



Cable Support Bracket

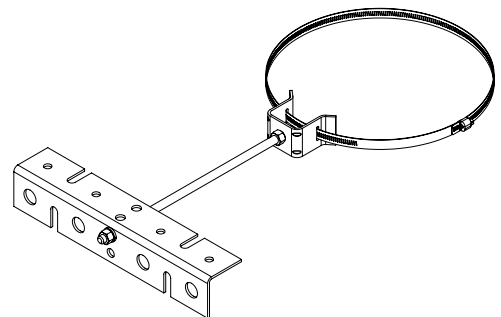
Application: Cable Support
Size: 16" Standoff
Design: Formed Steel
Feature: Robust Cable Support
Mounts to: 1.9" to 4.5" OD Round Members
Material: Hot Dip Galvanized Steel



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
ACSD24	Cable Support Bracket, 24 runs, 1.9" to 4.5" OD Pipes	Each	15.65 (7.1)

RRU Cable Support Brackets

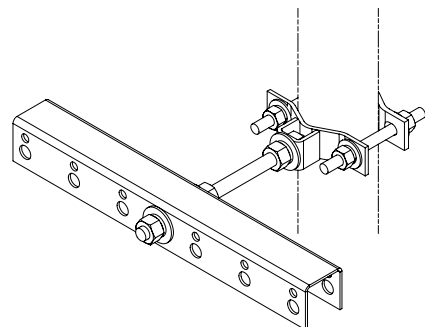
Application: Cable Support
Size: 7/16" and 3/4" Holes
Design: Formed Steel
Feature: Organizes Cable into Reduced Footprint
Material: Hot Dip Galvanized Steel
Includes: Bracket, Adapter & 2" - 10" Hose Clamp



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
CSPM04	RRU Cable Support Bracket, 4 Runs	Each	2.3 (1.04)

Heavy-Duty RRU Cable Support Bracket

Application: Cable Support
Size: 7/16" and 3/4" Holes
Design: Formed Steel
Feature: Heavy-Duty
Mounts to: 1.5" - 3.5" OD Round Members
Material: Hot Dip Galvanized Steel



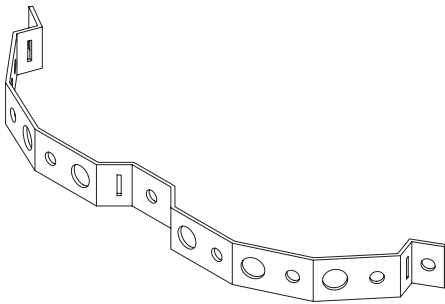
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
RRUUT12	Heavy-Duty RRU Cable Support Bracket, 12 Runs	Each	13 (6)

STEEL PRODUCTS

Cable Support

Universal Round Member Support Bracket

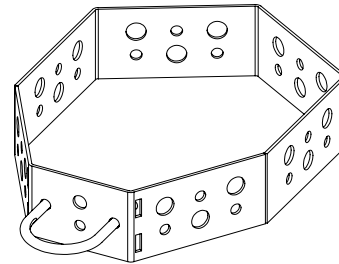
Application: Cable Support
Size: 7/16" and 3/4" Holes
Design: Formed Steel
Feature: Ideal for Pole Co-Location
Material: Hot Dip Galvanized Steel
Includes: Brackets
Order Separately: Banding



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
RMUSBG	Universal Round Member Support Bracket	Kit of 10	13 (6)

Cluster Support Brackets

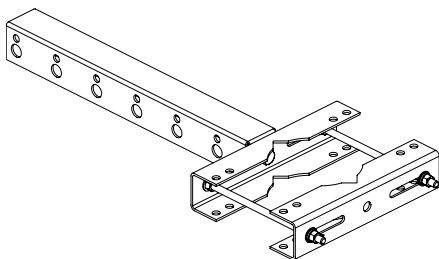
Application: Cable Support
Size: 7/16" and 3/4" Holes
Design: Formed Steel
Feature: Organizes Cable into Reduced Footprint
Material: Hot Dip Galvanized Steel
Includes: Brackets
Order Separately: U-bolt, Angle Adapters



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
CSBL	Large Cluster Support Bracket	Each	4 (2)

Star Support Brackets

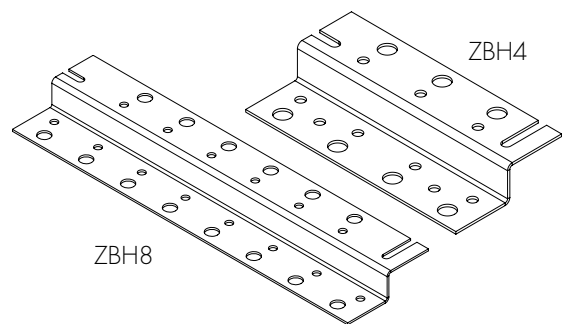
Application: Cable Support
Size: 7/16" and 3/4" Holes
Design: Formed Steel
Feature: Universal Attachment
Material: Hot Dip Galvanized Steel
Includes: Brackets & Hardware



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SSTB2550	Star Support T Bracket 1-1/2" OD to 5-9/16" OD Round Members and 2-1/2" to 5" Angle Members	Each	8 (4)
SSTB6080	Large Star Support T Bracket 4" OD to 10-3/4" OD Round Members or 4" to 8" Angle Members	Each	10 (5)

Z-Brackets

Application: Cable Support
Size: 7/16" and 3/4" Holes
Design: Formed Steel
Feature: Robust Cable Support
Material: Hot Dip Galvanized Steel
Includes: Brackets



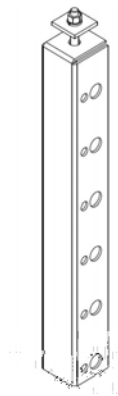
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
ZBH4	Horizontal Z-Bracket, 11" Wide for 4 Runs of Coax	Each	2.4 (1.08)
ZBH8	Horizontal Z-Bracket, 23" Wide for 8 Runs of Coax	Each	2.4 (1.08)

STEEL PRODUCTS

Cable Support

Vertical Waveguide Hanger Bracket

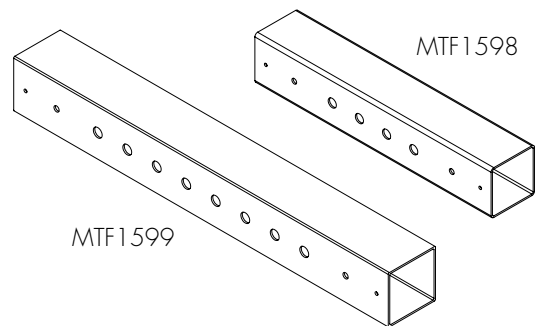
Application: Cable Support
Size: 7/16" & 3/4" Holes
Feature: Routes Cable Under Bridge
Design: Formed Steel
Material: Hot Dip Galvanized Steel
Includes: Bracket & Hardware



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SSTBV12	Vertical Waveguide Stand-off for 12 Runs of Coax	Kit of 1	15.65 (7.1)

PVC Sleeper

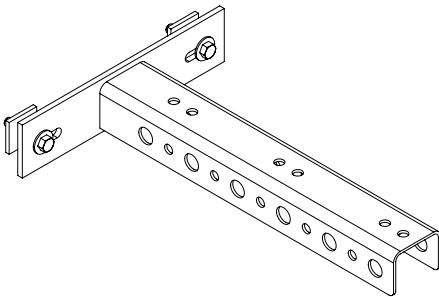
Application: Roof-Tops
Design: Bridge Accessories
Feature: 3/4" Snap Holes
Mounts to: Non-Penetrating
Material: PVC
Includes: PVC Sleeper



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
MTF1598	PVC Roof Sleeper for 4 Runs of Cable 4" x 4" x 22"	Each	3 (1)
MTF1599	PVC Roof Sleeper for 8 Runs of Cable 4" x 4" x 32"	Each	6 (3)

Heavy-Duty Vertical Waveguide Hanger Bracket

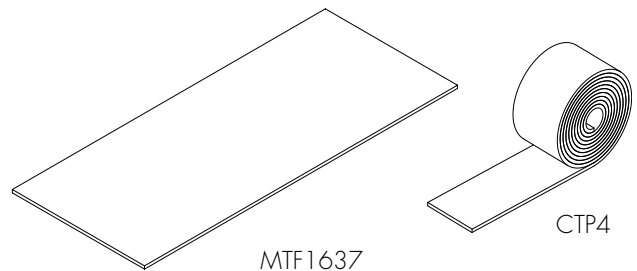
Application: Waveguide
Feature: Routes Cable Under Bridge
Design: Bridge Accessories
Mounts to: Waveguide Bridge Grating
Material: Hot Dip Galvanized Steel
Includes: Bracket & Hardware



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
VCB12	Vertical Waveguide Stand-off for 12 Runs of Coax	Each	5.15 (2.34)

Rubber Pads

Application: Roof-Tops
Design: Bridge Accessories
Mounts to: Non-Penetrating
Material: Rubber



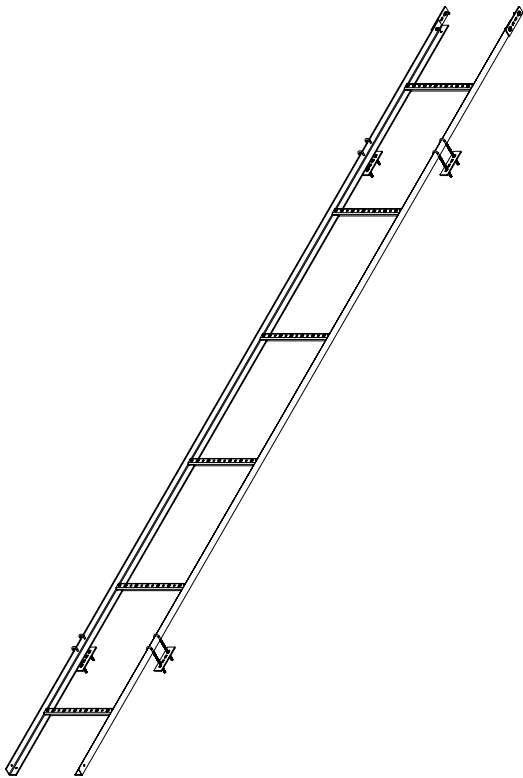
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
CTP4	Rubber Sleeper Pad 1/4" Thick x 4" Width x 10' Roll	Each	3.5 (1.59)
MTF1637	EPDM Rubber Mat 3/8" Thick x 18" Width x 48" Length	Each	13.4 (6.08)

STEEL PRODUCTS

Cable Support

Cable Ladder

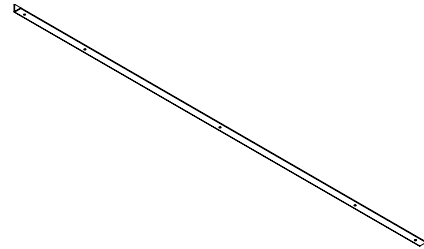
Application: Cable Support
Size: 10' and 20' in Three Widths
Design: Formed Steel
Feature: Complete Kit Universal Attachment
Mounts to: Round and Angle Members
Material: Hot Dip Galvanized Steel
Includes: Universal Kits Include Splice Kits, Ladder Rail, Rungs, Tower Attachment & Hardware



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
CL0610U	6-Hole Rung 10' Cable Ladder (Universal Hardware Included) 20" Wide	Each	43.6 (20)
CL0620U	6-Hole Rung 20' Cable Ladder (Universal Hardware Included) 20" Wide	Each	82.7 (38)
CL0910U	9-Hole Rung 10' Cable Ladder (Universal Hardware Included) 29" Wide	Each	46.6 (21)
CL0920U	9-Hole Rung 20' Cable Ladder (Universal Hardware Included) 29" Wide	Each	87.7 (40)
CL1210U	12-Hole Rung 10' Cable Ladder (Universal Hardware Included) 38" Wide	Each	48.5 (21)
CL1220U	12-Hole Rung 20' Cable Ladder (Universal Hardware Included) 38" Wide	Each	94.6 (40)

Cable Ladder Side Rail

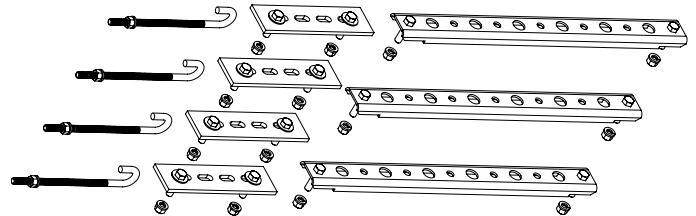
Application: Cable Support
Size: 1-1/2" x 1-1/2" x 1/8"
Material: Hot Dip Galvanized Steel
Includes: Side Rail Only



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
CL1001	Cable Ladder, 10' Side Rail	Each	16.37 (7.4)
CL2001	Cable Ladder, 20' Side Rail	Each	32.7 (14.8)

Cable Ladder Hardware Kits

Application: Cable Support
Material: Hot Dip Galvanized Steel
Includes: Universal Kits Include Splice Kits, Rungs, Tower Attachment and Hardware
Order Separately: Side Rails



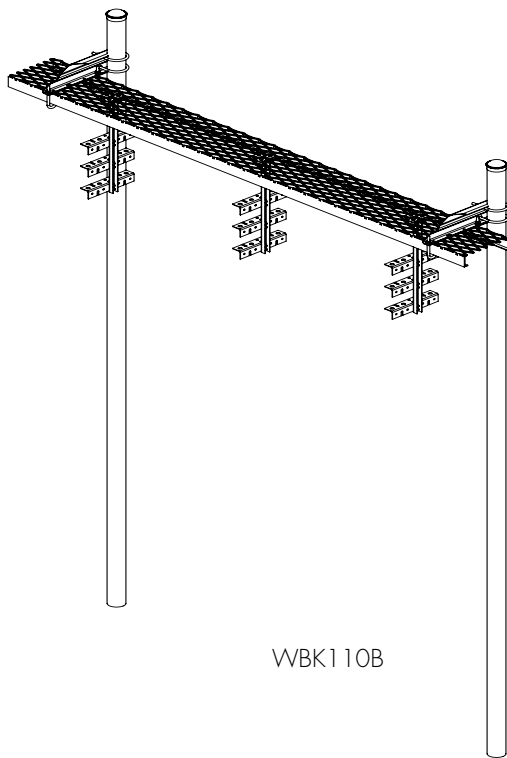
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
CL0610UH	Cable Ladder Hardware Kit, for 6-Hole, 10' Ladder Hardware Kit, 20" Wide	Each	11.2 (5.07)
CL0620UH	Cable Ladder Hardware Kit, for 6-Hole, 20' Ladder Hardware Kit, 20" Wide	Each	19.7 (8.9)
CL0910UH	Cable Ladder Hardware Kit, for 9-Hole, 10' Ladder Hardware Kit, 29" Wide	Each	13.7 (6.21)
CL0920UH	Cable Ladder Hardware Kit, for 9-Hole, 20' Ladder Hardware Kit, 29" Wide	Each	24.7 (11.2)
CL1210UH	Cable Ladder Hardware Kit, for 12-Hole, 10' Ladder Hardware Kit, 38" Wide	Each	13.7 (6.21)
CL1220UH	Cable Ladder Hardware Kit, for 12-Hole, 20' Ladder Hardware Kit, 38" Wide	Each	24.7 (11.2)

STEEL PRODUCTS

Waveguide Bridge

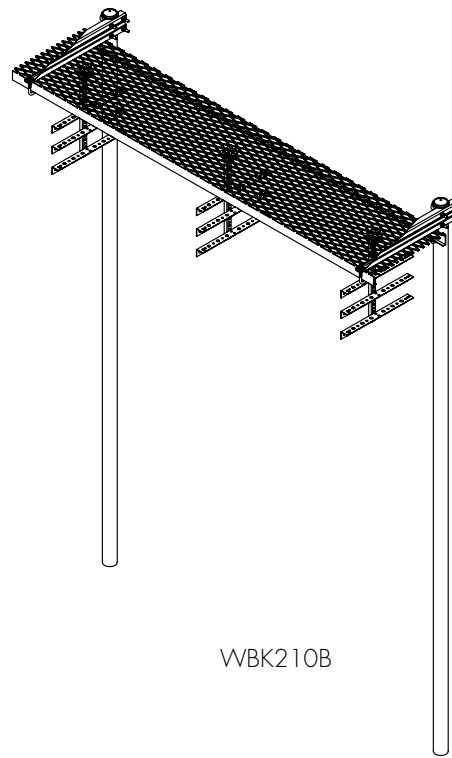
12" Safety Grated Bridge Kits

Application: Waveguide Bridge Kits
Size: 12" Width x 10' Length
Design: 14 Gage Safety Grated, 3" Side Rail
Feature: Direct Burial or Removable Base Shoe
Material: Hot Dip Galvanized Steel
Includes: Complete Bridge Kit



24" Safety Grated Bridge Kits

Application: Waveguide Bridge Kits
Size: 24" Width x 10' Length
Design: 14 Gage Safety Grated, 3" Side Rail
Feature: Direct Burial or Removable Base Shoe
Material: Hot Dip Galvanized Steel
Includes: Complete Bridge Kit



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
WBK110B	12" x 10' Safety Grated Waveguide Bridge Kit with Triple Trapeze and Two (2) 13'-4" Direct Burial Posts	Each	253 (115)
WBK110B10	12" x 10' Safety Grated Waveguide Bridge Kit with Triple Trapeze and Two (2) 10'-6" Direct Burial Posts	Each	253 (115)
WBK110B15	12" x 10' Safety Grated Waveguide Bridge Kit with Triple Trapeze and Two (2) 15'-4" Direct Burial Posts	Each	253 (115)
WBK110S	12" x 10' Safety Grated Waveguide Bridge Kit with Triple Trapeze and Two (2) 10'-6" Base Shoe Posts (Removable Base Shoe)	Each	220 (100)
WBK110BHK	Hardware Kit for WBK110B Series	Each	150 (68.03)

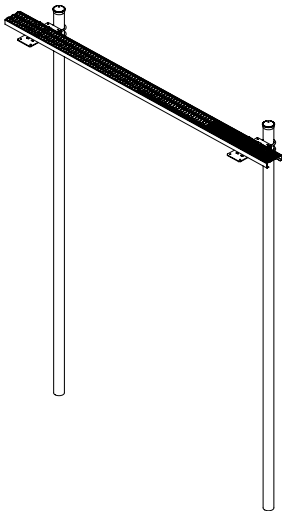
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
WBK210B	24" x 10' Safety Grated Waveguide Bridge Kit with Triple Trapeze and Two (2) 13'-4" Direct Burial Posts	Each	295 (134)
WBK210B10	24" x 10' Safety Grated Waveguide Bridge Kit with Triple Trapeze and Two (2) 10'-6" Direct Burial Posts	Each	295 (134)
WBK210B15	24" x 10' Safety Grated Waveguide Bridge Kit with Triple Trapeze and Two (2) 15'-4" Direct Burial Posts	Each	295 (134)
WBK210S	24" x 10' Safety Grated Waveguide Bridge Kit with Triple Trapeze and Two (2) 10'-6" Base Shoe Posts (Removable Base Shoe)	Each	262 (119)
WBK210BHK	Hardware Kit for WBK210B Series	Each	195 (88.45)

STEEL PRODUCTS

Waveguide Bridge

7" Safety Grated Bridge Kits

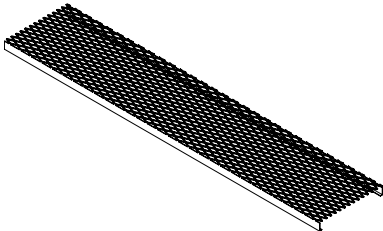
Application: Waveguide Bridge
Size: 7" Width, 10' Length
Feature: Safety Grate
Material: Hot Dip Galvanized Steel
Includes: Posts, Caps, Grating & Brackets
Ordered Separately: Trapeze kits & Vertical Waveguide Hanger Bracket



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
WBK710	7" x 10' Safety Grated Waveguide Bridge Kit with Direct Burial Posts, 14 Gauge	Each	40 (18.14)

Safety Grip Strut

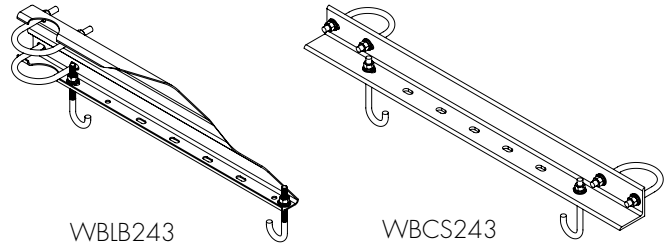
Application: Waveguide Bridge
Size: 7", 12" & 24" Width, 10' Length
Material: Hot Dip Galvanized Steel



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
WBCY0710	Safety Grip Strut, 7" x 10' x 2", 14 Gauge	Each	40 (18.14)
WBCY110	Safety Grip Strut, 12" x 10' x 3", 14 Gauge	Each	70 (31.7)
WBCY210	Safety Grip Strut, 24" x 10' x 3", 14 Gauge	Each	127 (57.6)

Waveguide Bridge Support Brackets

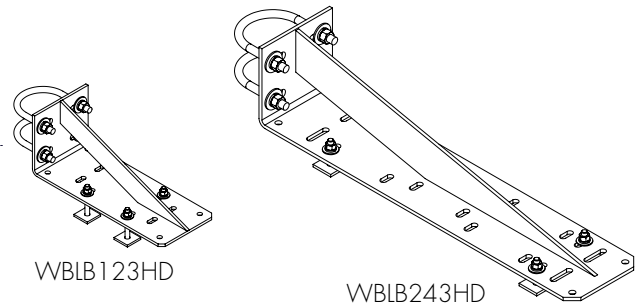
Application: Waveguide Bridge
Size: 12" and 24"
Design: Formed Steel
Material: Hot Dip Galvanized Steel
Includes: U-Bolts, Bracket & Mounting Hardware



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
WBLB123	12" Waveguide Bridge Support Bracket	Each	12 (5)
WBLB243	24" Waveguide Bridge Support Bracket	Each	21 (10)
WBCS243	24" Waveguide Bridge Support Angle for Four Post Bridge Kits	Each	18 (8)

Heavy-Duty Waveguide Bridge Support Brackets

Application: Waveguide Bridge
Size: 12" and 24"
Design: Formed Steel
Material: Hot Dip Galvanized Steel
Includes: U-Bolts, Bracket & Mounting Hardware



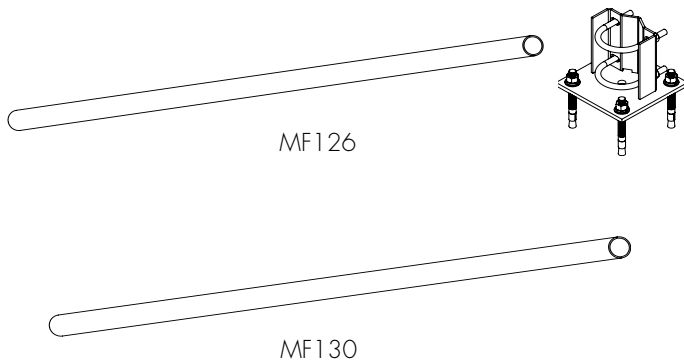
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
WBLB123HD	12" Heavy-duty Waveguide Bridge Support Bracket	Each	12 (5)
WBLB243HD	24" Heavy-duty Waveguide Bridge Support Bracket	Each	21 (10)

STEEL PRODUCTS

Waveguide Bridge

Waveguide Bridge Posts

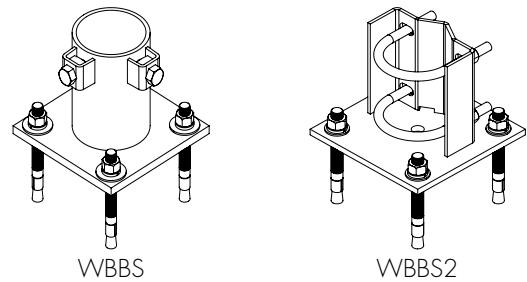
Application: Waveguide Bridge
Size: 3-1/2" OD
Design: Schedule 40 Pipe
Material: Hot Dip Galvanized Steel
Order Separately: Channel, Brackets & Additional Accessories



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
MF126	10'-6" Long, 3-1/2" OD, Base Shoe Post with Anchors	Kit of 1	86 (39)
MF130	13'-4" Long 3-1/2" OD, Direct Burial Post	Each	108 (49)
MF273	15'-4" Long 3-1/2" OD, Direct Burial Post	Each	108 (49)

Base Shoe Adapter Kit

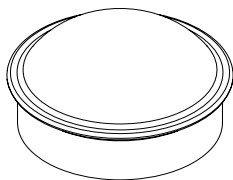
Application: Waveguide Bridge
Size: 8" x 8" Plate
Feature: Fits 3-1/2" OD Pipe
Material: Hot Dip Galvanized Steel
Includes: Bracket, Anchors & U-bolts (for WBBS2)
Order Separately: 3-1/2" Pipe



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
WBBS	Base Shoe Adapter Kit for 3-1/2" OD Pipe, Includes Anchors	Each	15.3 (6.94)
WBBS2	Base Shoe Adapter Kit for 3-1/2" OD Pipe, Includes Anchors	Each	14.2 (6.43)

Pipe Caps

Application: Waveguide Bridge
Design: Slip-On
Material: Hot Dip Galvanized Steel
Order Separately: Waveguide Bridge Posts



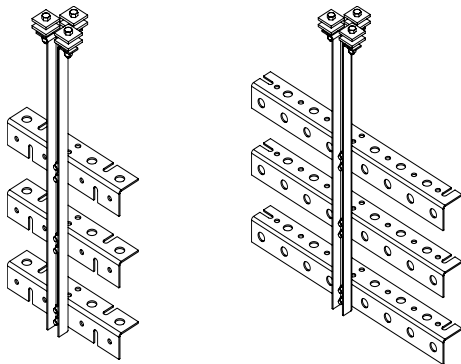
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
PC034	3-1/2" OD Post Cap	Each	0.8 (0.4)

STEEL PRODUCTS

Waveguide Bridge

T-Style Trapeze Kits

Application: Waveguide Bridge
Size: 12" & 24" Widths
Design: T-Style with 3/4" & 7/16" Holes
Feature: Ease of Installation
Material: Hot Dip Galvanized Steel
Includes: Trapeze & Mounting Hardware



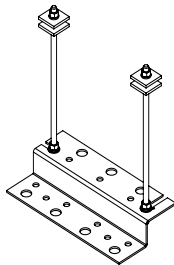
WBT123

WBT243

Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
WBT123	12" Wide T-Style Trapeze Kit, Three Rung	Each	9 (4)
WBT243	24" Wide T-Style Trapeze Kit, Three Rung	Each	13 (6)

Trapeze Kits

Application: Waveguide Bridge
Size: 12" & 24" Widths
Design: Z-Style with 3/4" & 7/16" Holes
Feature: Ease of Installation
Material: Hot Dip Galvanized Steel

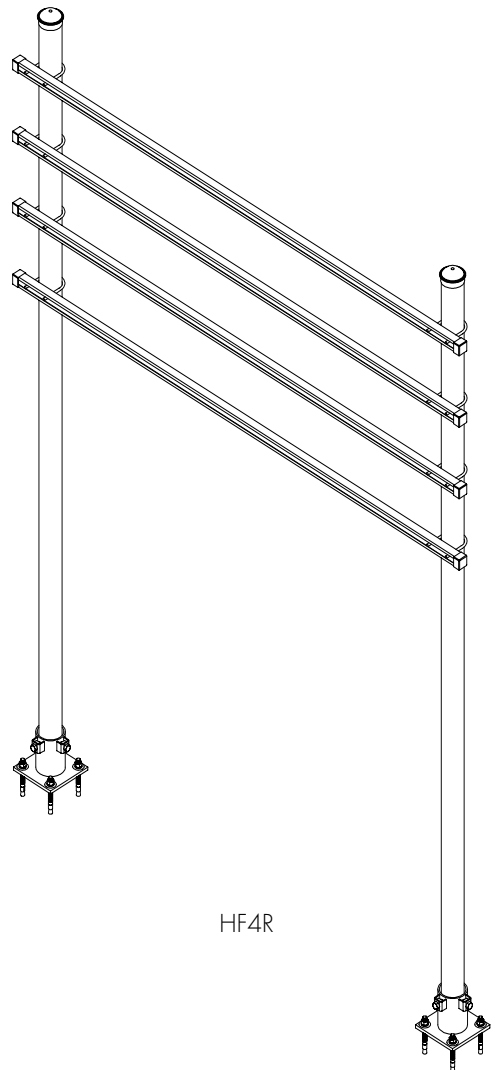


Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
MT35712	12" Wide T-Style Trapeze Kit, Three Rung	Each	9 (4)
MT35724	24" Wide T-Style Trapeze Kit, Three Rung	Each	13 (6)

Equipment Rack

H-Frame 4 or 5 Rung Equipment Rack

Application: Equipment Mounting
Size: 3-1/2" OD x 126" Long Posts, 120" Rungs
Design: Slotted Square Support Rail
Feature: Adjustable Post Width
Material: Hot Dip Galvanized Steel
Includes: Posts, Caps, Struts & Mounting Hardware



HF4R

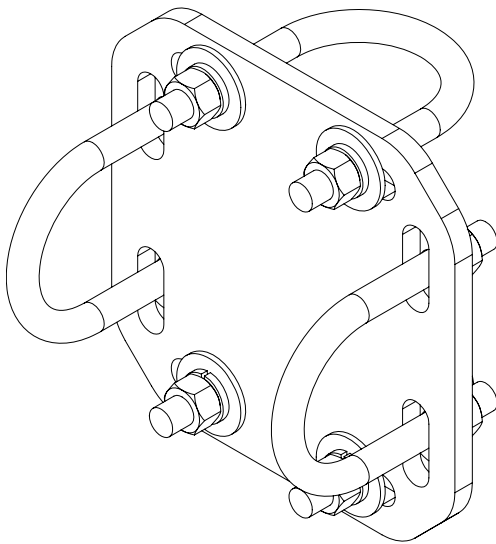
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
HF4R	H-Frame 4 Rung Equipment Rack, 10' Wide	Each	200 (90.72)
HF5R	H-Frame 5 Rung Equipment Rack, 10' Wide	Each	242 (109.7)

STEEL PRODUCTS

Antenna Mounts

Crossover Plates

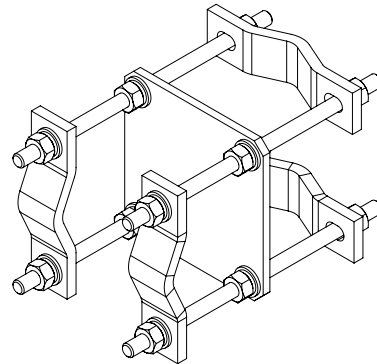
Application: Antenna Mounting
Size: 7 Sizes
Design: Fabricated Steel
Feature: Ease of Installation
Mounts to: Round Members
Material: Hot Dip Galvanized Steel
Includes: U-Bolt with Flat Plate
Order Separately: Antenna Mounting Pipe



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
XP2020	Crossover Plate, 2-3/8" to 2-3/8" OD Round Members	Each	11.02 (5)
XP2025	Cross Over Plate, 2-3/8" to 2-7/8" OD Round Members	Each	11.02 (5)
XP2030	Crossover Plate, 2-3/8" to 3-1/2" OD Round Members	Each	12 (5)
XP2040	Crossover Plate, 2-3/8" to 4-1/2" OD Round Members	Each	12.5 (6)
XP2525	Crossover Plate, 2-7/8" to 2-7/8" OD Round Members	Each	11.02 (5)
XP2530	Crossover Plate, 2-7/8" to 3-1/2" OD Round Members	Each	12.5 (6)
XP3030	Crossover Plate, 3-1/2" to 3-1/2" OD Round Members	Each	13 (6)

Universal Crossover Clamp

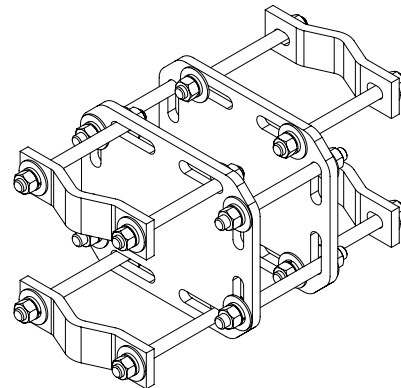
Application: Antenna Mounting
Size: 2" to 5" OD Members
Feature: Universal
Mounts to: Antenna Pipe
Material: Hot Dip Galvanized Steel



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
C0200	Universal Crossover Plate for 2" to 5" OD Round Members	Each	18.1 (8.21)

Standoff Arm Crossover Mount

Application: Antenna Mounting
Size: Fits 2" to 5-1/2" OD Members
 Up to 4-1/2" x 4-1/2" Square Members
Feature: Universal
Mounts to: Antenna Pipe
Material: Hot Dip Galvanized Steel



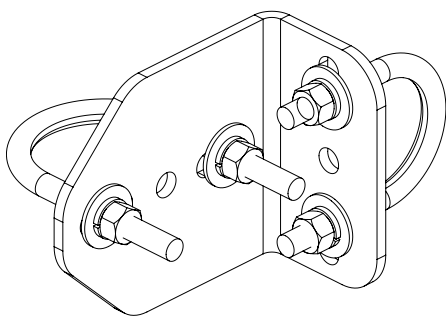
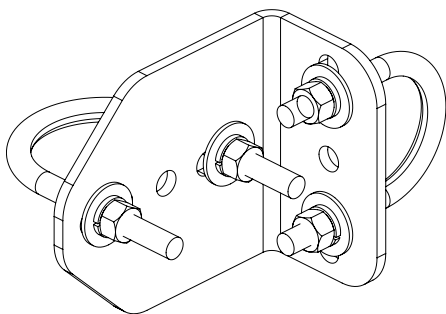
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
XP197U	Standoff Arm Crossover Mount	Each	28.76 (13.04)

STEEL PRODUCTS

Antenna Mounts

Crossover Angles

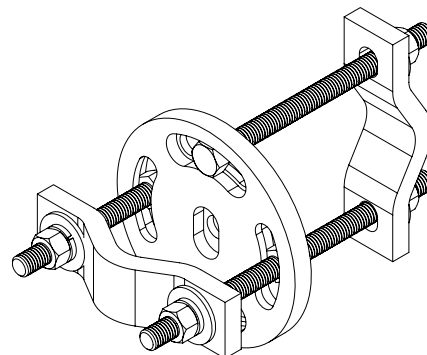
Application: Antenna Mounting
Design: Formed Steel
Feature: Ease of Installation
Mounts to: Round Members
Material: Hot Dip Galvanized Steel
Includes: U-Bolt with Cross Angle
Order Separately: Antenna Mounting Pipe



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
XA2020	Crossover Angle, 2-3/8" OD to 2-3/8" OD Round Members	Kit of 2	3.97 (1.8)
XA2030	Crossover Angle, 2-3/8" OD to 2-7/8" OD Round Members	Kit of 2	3.97 (1.8)

Puck Crossover Plate

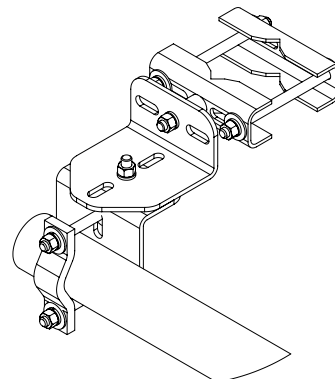
Application: Antenna Mounting
Design: Clamps and Bolts With Flat Plate
Feature: Joins 2-3/8" to 3-1/2" OD Round Members
Material: Hot Dip Galvanized Steel
Includes: Clamps, Bolt Assemblies & Flat Plate



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
PCC4	Puck Crossover Clamp Kit, Joins range of 2-3/8" to 3-1/2" OD Round Members	Each	6 (2.72)

Stiff Arm Kit, Tower Side

Application: Antenna Mounting
Size: 2-3/8" or 2-7/8" OD Round Members
Feature: Easy Installation
Material: Hot Dip Galvanized Steel
Includes: Clamps, Brackets & Hardware



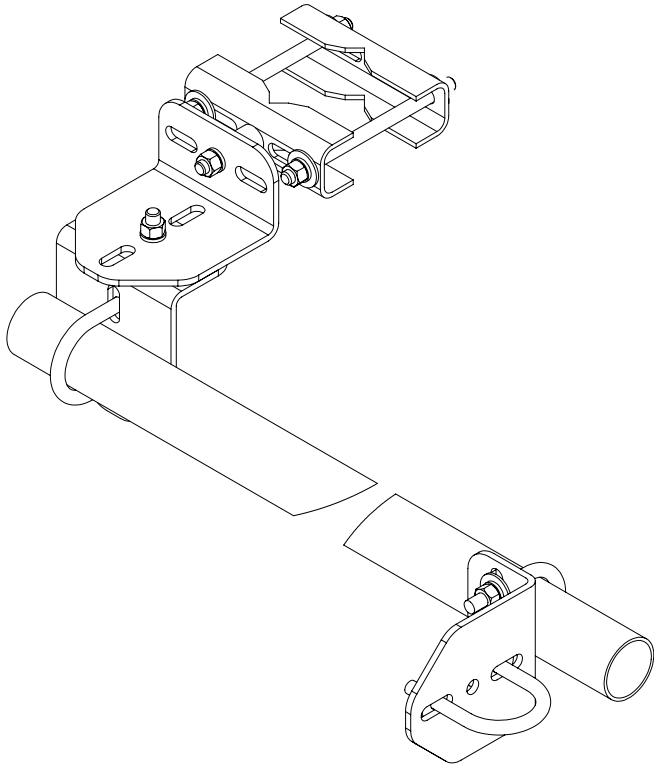
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SABUT	Stiff Arm Kit, Tower Side	Each	12.8 (5.8)

STEEL PRODUCTS

Antenna Mounts

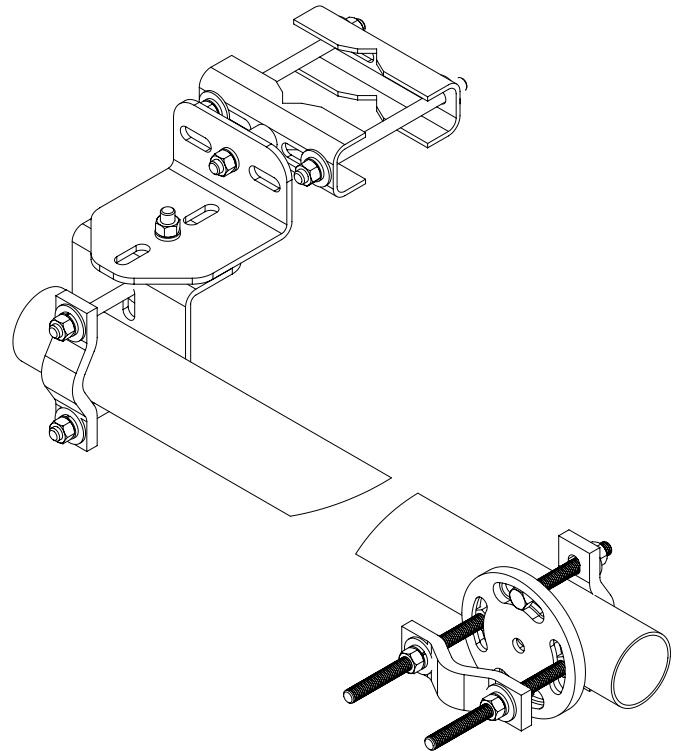
Stiff Arm Bracket

Application: Antenna Mounting
Size: 2-3/8" OD Pipe
Feature: Universal Tower Attachment
Mounts to: Round & Angle Members
Material: Hot Dip Galvanized Steel
Includes: Brackets & Hardware



Universal Stiff Arm Bracket

Application: Antenna Mounting
Size: 2-3/8" or 2-7/8" to 3-1/2" Pipe
Feature: Universal Tower Attachment. Fits Multiple Pipe Sizes
Mounts to: 3-1/2" OD Pipe Frames
Material: Hot Dip Galvanized Steel
Includes: Brackets & Hardware



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SAB	Stiff Arm Bracket (No Pipe)	Each	13 (5.9)
SAB10	Stiff Arm Bracket with 2-3/8" OD x 10'6" Pipe	Each	53 (24)
SAB12	Stiff Arm Bracket with 2-3/8" OD x 12'6" Pipe	Each	60 (27.2)

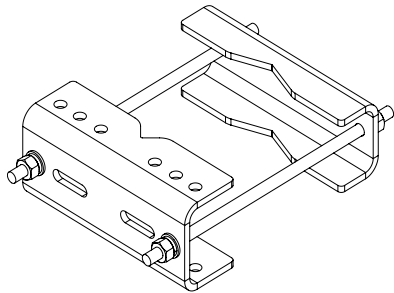
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SABU	Universal Stiff Arm Bracket (No Pipe)	Each	19 (8.62)
SABU10	Universal Stiff Arm Bracket with 2-7/8" OD x 10'6" Pipe	Each	56 (25.4)
SABU12	Universal Stiff Arm Bracket with 2-7/8" OD x 12'6" Pipe	Each	63.1 (28.6)

STEEL PRODUCTS

Antenna Mounts

Universal Saddle Mount

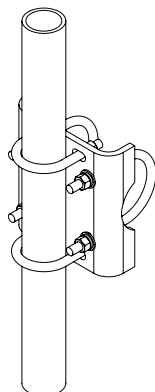
Application: Antenna Mounting
Design: Formed Steel
Feature: Accommodates 2-3/8" and 4-1/2" OD
Mounts to: Pipe Tower Members
Material: Hot Dip Galvanized Steel



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
USM2080K1	Universal Saddle Mount for Straight or Tapered Legs Up to 8" or 60° Angle, 90° Angle up to 6"	Each	30 (13.5)

Pipe Mount Kits

Application: Antenna Mounting
Size: 2-3/8" or 2-7/8" to 3-1/2" Pipe
Feature: Easy Installation & Antenna Down Tilt
Mounts to: 3-1/2" OD Pipe Frames
Material: Hot Dip Galvanized Steel

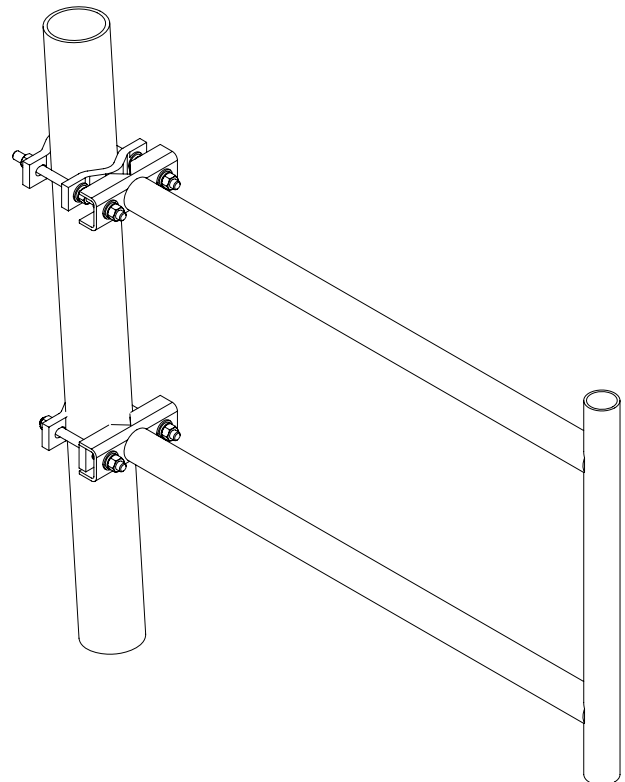


Pipe Ordered Separately

Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
MT219H	Pipe Mount Hardware Kit for 2-3/8" to 3-1/2" OD Pipe	Each	12 (5.4)
MT219MH	Pipe Mount Kit, 2-7/8" to 3-1/2" OD Pipe	Each	12.5 (5.7)

Stand-Off Arms Light Duty

Application: Antenna Mounting
Size: Stand-Off 24", 36" and 48"
Design: Welded One Piece Stand-Off
Mounts to: Straight or Tapered Legs
Material: Hot Dip Galvanized Steel
Includes: Standoff & Clamps for 1-1/2" to 3-1/2" OD



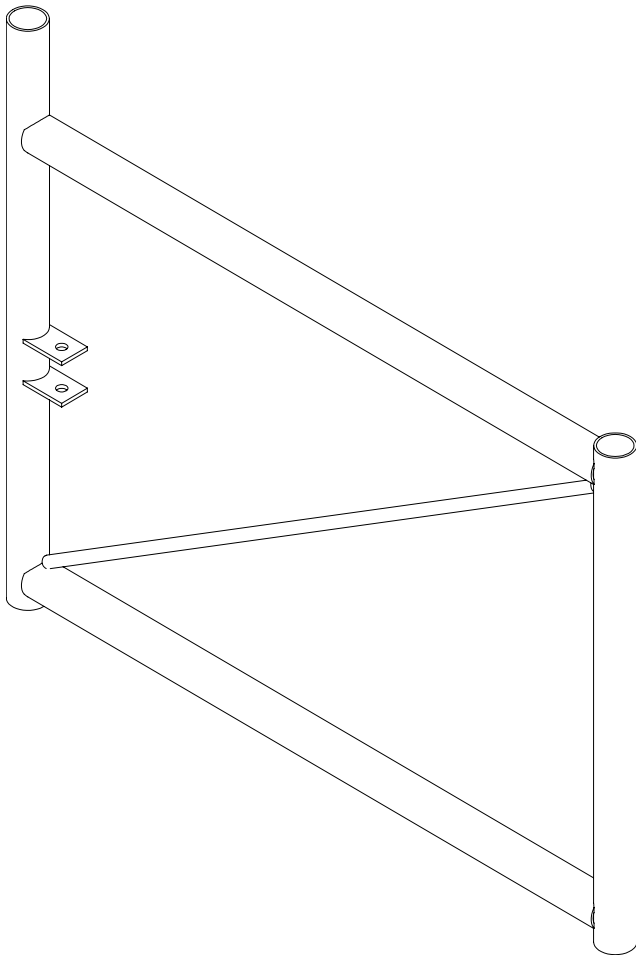
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
S200	24" Stand-Off Bracket with 24" Long x 1-7/8" OD Antenna Mounting Pipe	Each	23 (10)
S300	36" Stand-Off Bracket with 24" Long x 1-7/8" OD Antenna Mounting Pipe	Each	28 (13)
S400	48" Stand-Off Bracket with 32.5" Long x 1-7/8" OD Antenna Mounting Pipe	Each	41 (19)

STEEL PRODUCTS

Antenna Mounts

Heavy-Duty Standoff Bracket

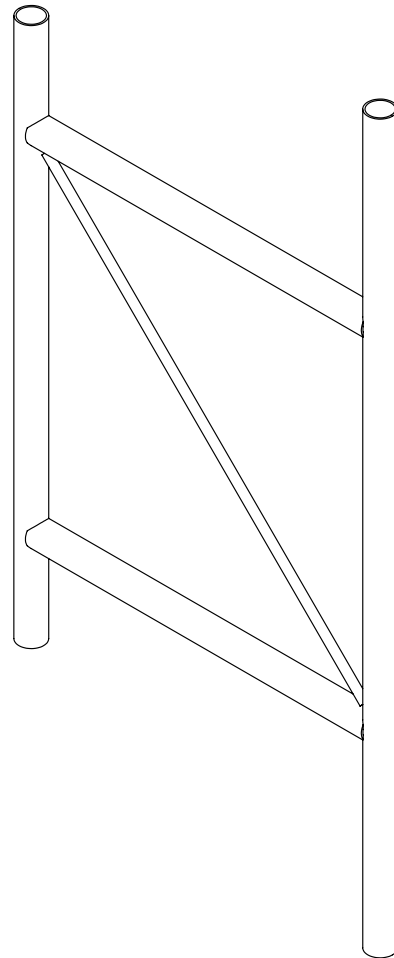
Application:	Antenna Mounting
Size:	Welded Standoff 48" & 72"
Design:	Heavy Duty Pipe Welded Standoff
Mounts to:	Tower Members Straight or Tapered Legs
Material:	Hot Dip Galvanized Steel
Includes:	Standoff Only
Order Separately:	Pipe to Pipe Clamps



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
HS400	48" Heavy-Duty Standoff Bracket with 38.5" Long x 2.375" OD Vertical Pipe	Each	55.77 (25.3)
HS600	72" Heavy-Duty Standoff Bracket with 42.5" Long x 2.88" OD Vertical Pipe	Each	111.46 (50.56)

Panel Antenna Standoff

Application:	Antenna Mounting
Size:	Welded Standoff 24" & 36"
Design:	Pipe Welded Standoff
Mounts to:	Tower Members Straight or Tapered Legs
Material:	Hot Dip Galvanized Steel
Includes:	Standoff Only
Order Separately:	Pipe to Pipe Clamps



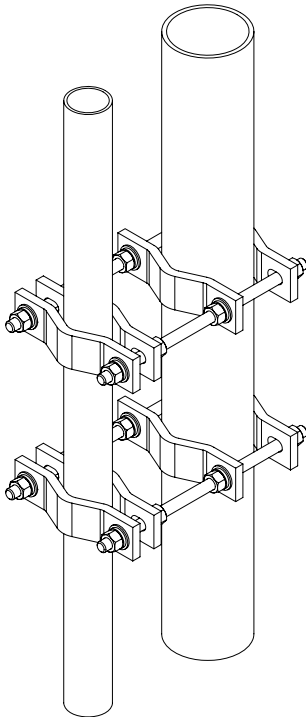
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
P200	24" Panel Antenna Standoff with 70" Long x 2.375" OD Antenna Mounting Pipe	Each	55 (25)
P300	36" Panel Antenna Standoff with 70" Long x 2.375" OD Antenna Mounting Pipe	Each	62 (28)

STEEL PRODUCTS

Antenna Mounts

Pipe to Pipe Clamp Sets

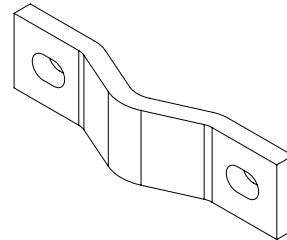
Application: Antenna Mounting
Size: 5 Versions
Design: Formed Clamps and 1/2" Threaded Rod
Mounts to: Various Ranges, See Descriptions
Material: Hot Dip Galvanized Steel
Includes: Half Clamps & Threaded Rods
Order Separately: Antenna Mounting Pipe or Stand-Off Brackets



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
BC2010	Vertical Pipe to Pipe Adaptor Joins Two 1-1/2" OD to 3-1/2" OD Pipes	Kit of 2	9 (4)
BC3010	Heavy Duty Vertical Pipe to Pipe Adaptor Joins Two 1-1/2" OD to 3-1/2" OD Pipes	Kit of 2	13 (6)
BC3514	Heavy Duty Vertical Pipe to Pipe Adaptor Joins Two 2-3/8" OD to 5" OD Pipes	Kit of 2	28 (13)
BC3518	Heavy Duty Vertical Pipe to Pipe Adaptor Joins Two 2-3/8" OD to 5" OD Pipes	Kit of 2	28 (13)
BC4016	Heavy Duty Vertical Pipe to Pipe Adaptor Joins Two 4" OD to 9" OD Pipes	Kit of 2	36 (16)

Clamp Half

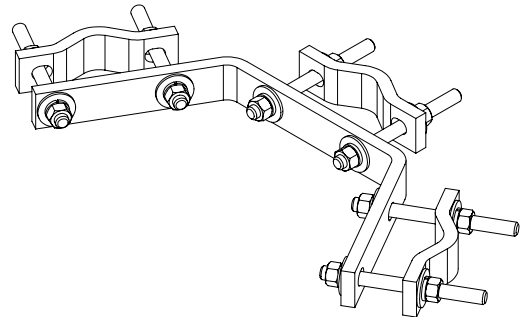
Application: Antenna Mounting
Design: Formed Clamps
Material: Hot Dip Galvanized Steel
Includes: Clamp
Order Separately: Threaded Rod



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
ACP10	Clamp Half, 1-1/2" to 3-1/2" OD Pipe, Utilizes 1/2" Threaded Rod	Each	0.55 (0.25)
DCP10	Clamp Half, 1-1/2" to 5" OD Pipe, Utilizes 5/8" Threaded Rod	Each	1.89 (0.89)
SCP10	Clamp Half, 1-1/2" to 3-1/2" OD Pipe, Utilizes 1/2" Threaded Rod	Each	1.1 (0.5)

Double Antenna Clamp

Application: Antenna Mounting
Design: Formed Bracket and Clamps
Material: Hot Dip Galvanized Steel
Includes: Bracket, Clamps & Hardware
Ordered Separately: Pipe



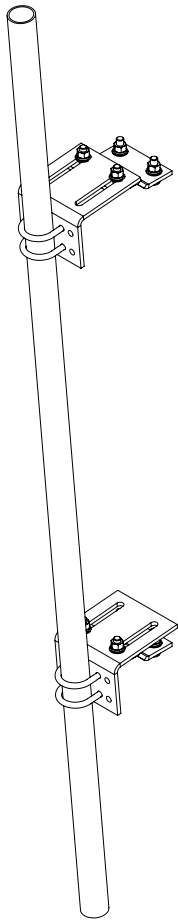
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
DAC200	Double Antenna Clamp, 1-1/2" to 3-1/2" OD Pipe	Kit of 2	21.56 (9.76)

STEEL PRODUCTS

Antenna Mounts

Sliding Pipe Mount Brackets

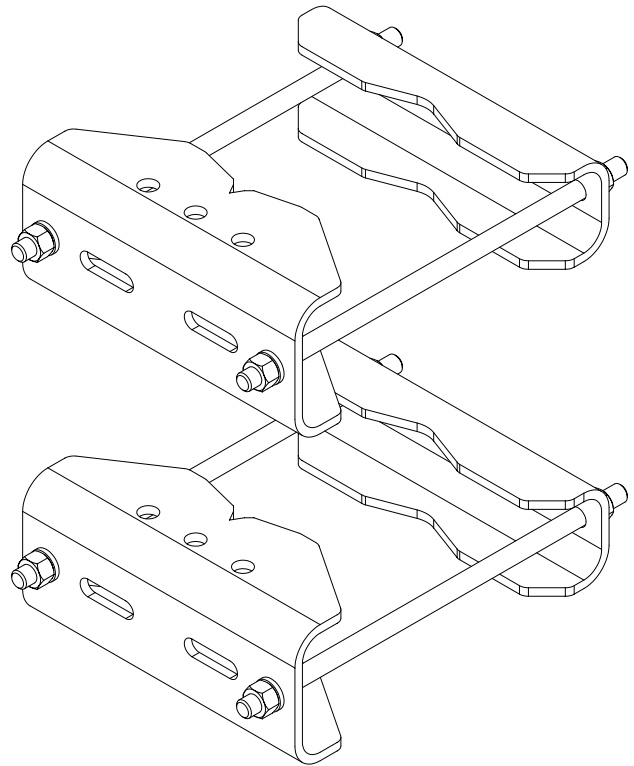
Application:	Antenna Mounting
Size:	Brackets for 2-3/8" or 4-1/2" OD Pipe
Design:	Adjustable Sliding Clamps
Feature:	Up to Seven Degrees of Taper
Mounts to:	Saddle Mount
Material:	Hot Dip Galvanized Steel
Includes:	Adjustable Sliding Clamps with Hardware
Order Separately:	Saddle Mounts & Pipe



Pipe Ordered Separately

Saddle Mounts

Application:	Antenna Mounting
Design:	Formed Steel
Feature:	Accommodates 2-3/8" & 4-1/2" OD Pipe
Mounts to:	Tower Members
Material:	Hot Dip Galvanized Steel
Includes:	Saddle Mount
Order Separately:	Antenna Mounting Pipe & U-bolts



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
PMSL2	Universal Tapered Pipe Mount Brackets for 2-3/8" OD Pipe	Kit of 2	31 (14)
PMSL4	Universal Tapered Pipe Mount Brackets for 4-1/2" OD Pipe	Kit of 2	33 (2)

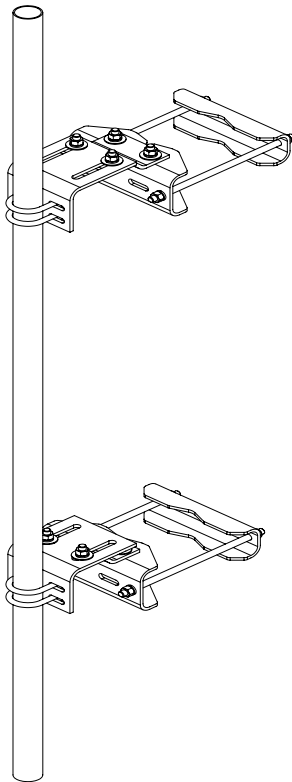
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
SMU2080	Universal Saddle Mount for Straight or Tapered Legs Up to 8" or 60° Angle, 90° Angle up to 6"	Kit of 2	60 (27)

STEEL PRODUCTS

Antenna Mounts

Sliding Pipe Mount Bracket with Saddle

Application:	Antenna Mounting
Size:	Accommodates 2-3/8" OD Pipe
Design:	Saddle Mount with Adjustable Sliding Clamps
Feature:	Up to Seven Degrees of Taper
Mounts to:	Up to 8" OD Straight or Tapered Legs or 60° Angle Legs
Material:	Hot Dip Galvanized Steel
Includes:	Saddle Mount with Adjustable Sliding Clamps

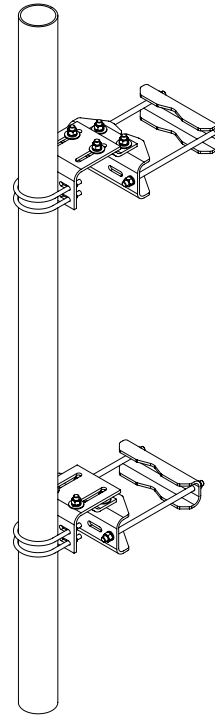


Pipe Ordered Separately

Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
PMSU2B	Universal Sliding Pipe Mount Kit for 2-3/8" OD Pipe, Pipe Ordered Separately	Kit of 2	81 (37)
PMSU2B72	Universal Sliding Pipe Mount Kit for 2-3/8" OD Pipe, Includes 6' (72") Pipe	Kit of 2	81 (37)
PMSU2B96	Universal Sliding Pipe Mount Kit for 2-3/8" OD Pipe, Includes 8' (96") Pipe	Kit of 2	81 (37)
PMSU2B126	Universal Sliding Pipe Mount Kit for 2-3/8" OD Pipe, Includes 10'6" (126") Pipe	Kit of 2	81 (37)

Sliding Pipe Mount Bracket with Saddle

Application:	Antenna Mounting
Size:	Accommodates 4-1/2" OD Pipe
Design:	Saddle Mount with Adjustable Sliding Clamps
Feature:	Up to Seven Degrees of Taper
Mounts to:	Up to 8" OD Straight or Tapered Legs or 60° Angle Legs
Material:	Hot Dip Galvanized Steel
Includes:	Saddle Mount with Adjustable Sliding Clamps



Pipe Ordered Separately

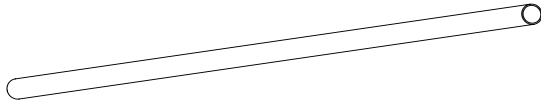
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
PMSU4B	Universal Sliding Pipe Mount Kit for 4-1/2" OD Pipe, Pipe Ordered Separately	Kit of 2	85 (39)
PMSU4B48	Universal Sliding Pipe Mount Kit for 4-1/2" OD Pipe, Includes 4' (48") Pipe	Kit of 2	169 (76.7)
PMSU4B63	Universal Sliding Pipe Mount Kit for 4-1/2" OD Pipe, Includes 5'3" (63") Pipe	Kit of 2	138 (62.6)
PMSU4B72	Universal Sliding Pipe Mount Kit for 4-1/2" OD Pipe, Includes 6' (72") Pipe	Kit of 2	169 (76.7)
PMSU4B96	Universal Sliding Pipe Mount Kit for 4-1/2" OD Pipe, Includes 8' (96") Pipe	Kit of 2	169 (76.7)
PMSU4B126	Universal Sliding Pipe Mount Kit for 4-1/2" OD Pipe, Includes 10'6" (126") Pipe	Kit of 2	169 (76.7)

STEEL PRODUCTS

Antenna Mounts

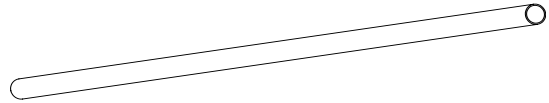
Standard Pipe

Size: 2-3/8" to 4-1/2" OD
Design: 0.12" Wall Thick High Strength Tube
Material: Hot Dip Galvanized Steel, A500 Grade B



Schedule 40 Pipe

Size: 2-3/8" to 4-1/2" OD
Design: Schedule 40
Material: Hot Dip Galvanized Steel, A500 Grade B



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
2-3/8" OD x 0.12" Wall Pipe			
MT651	2-3/8" x 6' (72") Plain End Pipe	Each	18.6 (7.8)
MT65184	2-3/8" x 7' (84") Plain End Pipe	Each	21.8 (10.4)
MT65196	2-3/8" x 8' (96") Plain End Pipe	Each	24.9 (10.4)
MT537	2-3/8" x 10'6" (126") Plain End Pipe	Each	32.6 (13.6)
MT651144	2-3/8" x 12' (144") Plain End Pipe	Each	37.3 (16.2)
MT651150	2-3/8" x 12'6" (150") Plain End Pipe	Each	38.8 (16.2)
MT537174	2-3/8" x 14'6" (174") Plain End Pipe	Each	42.7 (16.2)
MT537252	2-3/8" x 21' (252") Plain End Pipe	Each	45.1 (16.2)
2-7/8" OD Pipe x 0.12" Wall Pipe			
MT54696	2-7/8" x 8' (96") Plain End Pipe	Each	49.5 (22.4)
MT546120	2-7/8" x 10' (120") Plain End Pipe	Each	61.8 (28)
MT546126	2-7/8" x 10'6" (126") Plain End Pipe	Each	64.9 (29.5)
MT546144	2-7/8" x 12' (144") Plain End Pipe	Each	76.5 (34.9)
MT546150	2-7/8" x 12'6" (150") Plain End Pipe	Each	77.3 (35.1)
MT546174	2-7/8" x 14'6" (174") Plain End Pipe	Each	88 (39.9)
MT546252	2-7/8" x 21' (252") Plain End Pipe	Each	130 (59)
3-1/2" OD Pipe x 0.12" Wall Pipe			
MT547126	3-1/2" x 10'6" (126") Plain End Pipe	Each	65.9 (29.9)
MT3165FP150	3-1/2" x 12'6" (150") Plain End Pipe	Each	78.4 (35.6)
MF130	3-1/2" x 13'4" (160") Plain End Pipe	Each	79 (35.8)
MF273	3-1/2" x 15'4" (184") Plain End Pipe	Each	96.2 (43.6)

*Additional Sizes Available Upon Request

Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
2-3/8" OD Schedule 40			
MT6517240	2-3/8" x 6' (72") Plain End Pipe	Each	23.5 (10.66)
MT6518440	2-3/8" x 7' (84") Plain End Pipe	Each	27.5 (12.47)
MT6519640	2-3/8" x 8' (96") Plain End Pipe	Each	31.4 (14.24)
MT53740	2-3/8" x 10'6" (126") Plain End Pipe	Each	41.2 (18.69)
MT65114440	2-3/8" x 12' (144") Plain End Pipe	Each	47.1 (21.36)
MT65115040	2-3/8" x 12'6" (150") Plain End Pipe	Each	47.8 (21.68)
MT65117440	2-3/8" x 14'5" (174") Plain End Pipe	Each	56.9 (25.81)
MT65125240	2-3/8" x 21' (252") Plain End Pipe	Each	82.2 (37.29)
2-7/8" OD Schedule 40			
MT5469640	2-7/8" x 8' (96") Plain End Pipe	Each	49.8 (22.59)
MT54612040	2-7/8" x 10' (120") Plain End Pipe	Each	62.3 (28.26)
MT54612640	2-7/8" x 10'6" (126") Plain End Pipe	Each	65.4 (29.66)
MT54614440	2-7/8" x 12' (144") Plain End Pipe	Each	74.7 (33.88)
MT54615040	2-7/8" x 12'6" (150") Plain End Pipe	Each	77.8 (35.29)
MT54617440	2-7/8" x 14'6" (174") Plain End Pipe	Each	90.3 (40.96)
MT54625240	2-7/8" x 21' (252") Plain End Pipe	Each	130.7 (59.28)
3-1/2" OD Schedule 40			
MT54712640	3-1/2" x 10'6" (126") Plain End Pipe	Each	85.6 (38.83)
MT54716040	3-1/2" x 13'4" (160") Plain End Pipe	Each	108.7 (49.31)
MT54718440	3-1/2" x 15'4" (184") Plain End Pipe	Each	125 (56.7)
4-1/2" OD Schedule 40			
MT653	4-1/2" x 4' (48") Plain End Pipe	Each	46.5 (21.09)
MT65472	4-1/2" x 6' (72") Plain End Pipe	Each	69.7 (31.61)
MT65496	4-1/2" x 8' (96") Plain End Pipe	Each	92.9 (42.14)
MT654126	4-1/2" x 10'6" (126") Plain End Pipe	Each	121.9 (55.29)

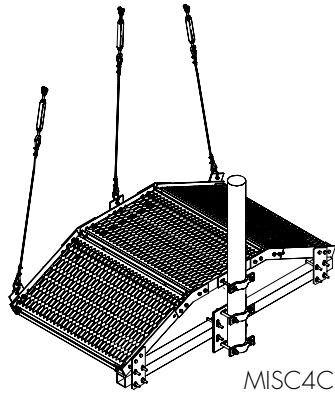
*Additional Sizes Available Upon Request

STEEL PRODUCTS

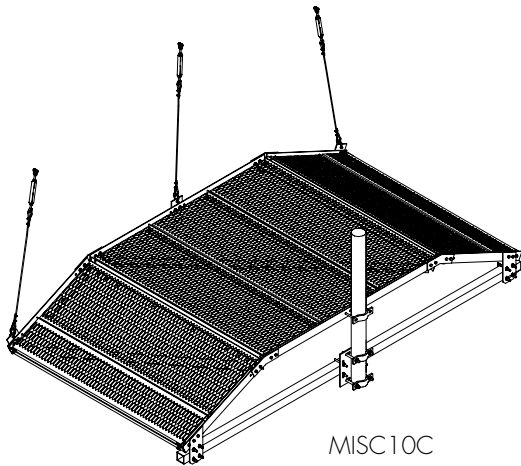
Antenna Mounts

Microwave Ice Shields

Application: Antenna Mounting
Size: Five Versions Available (See Table)
Design: Heavy Duty Microwave Dish Protection
Feature: Easy Assembly Panels
Mounts to: 4-1/2" to 5-1/2" OD Pipe
Material: Hot Dip Galvanized Steel
Includes: All Attachment Hardware



MISC4C

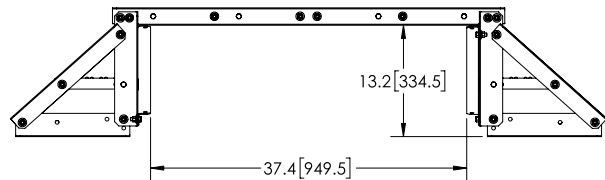
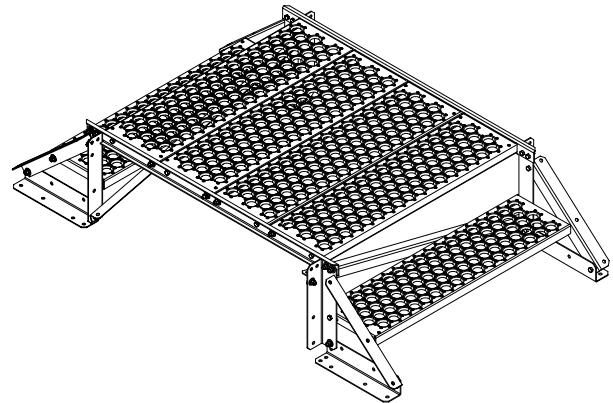


MISC10C

Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
MIS4C	4' Microwave Ice Shield	Each	304 (138)
MIS6C	6' Microwave Ice Shield	Each	385 (175)
MIS8C	8' Microwave Ice Shield	Each	720 (327)
MIS10C	10' Microwave Ice Shield	Each	818 (371)
MIS12C	12' Microwave Ice Shield	Each	985 (447)

Rooftop Stepmover

Application: Cable Management
Size: 37.4" x 13.2" Clearance
Design: Cable Protection
Feature: Grated Steps
Mounts to: Rooftop
Material: Hot Dip Galvanized Steel
Includes: Stepmover



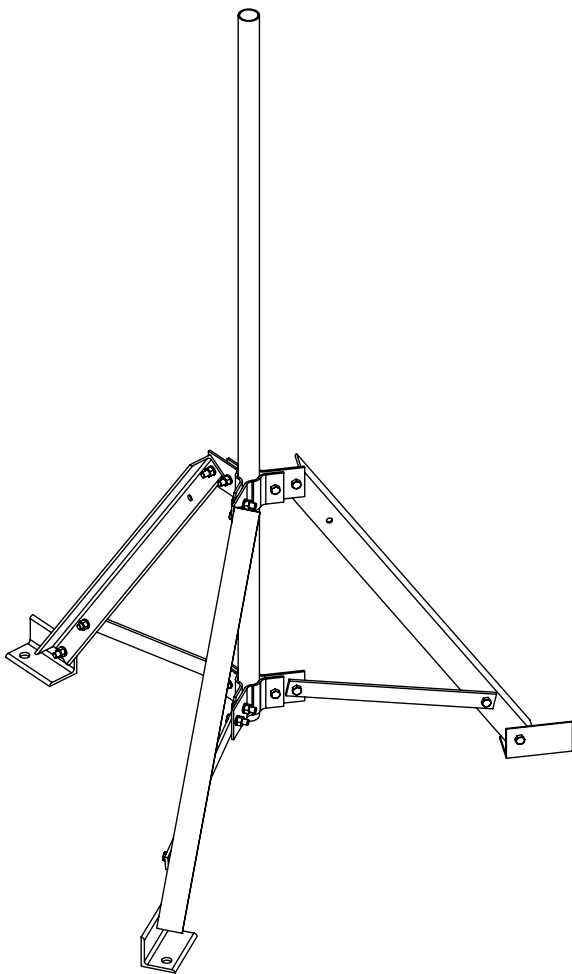
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
RTST	Rooftop Stepmover	Each	144 (65.32)

STEEL PRODUCTS

Antenna Mounts

Tripod Mount

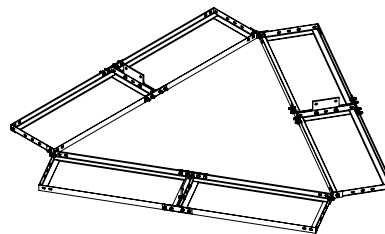
Application: Antenna Mounting
Size: 1.9" to 2-3/8" OD
Feature: Penetrating or Non with Addition of Base Unit
Material: Hot Dip Galvanized Steel
Includes: Tripod Base & Hardware
Order Separately: Roof Sled, Rubber Mats & Pipe



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
TPGUSB	Universal Tripod Mount for 1.9" to 2-3/8" OD Pipe (Pipe Ordered Separately)	Each	55 (25)

Tripod Roof Sled

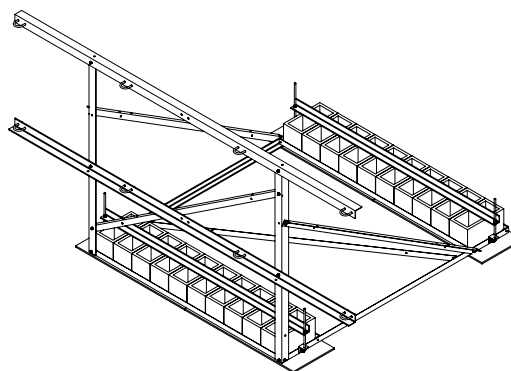
Application: Antenna Mounting
Size: 87" Width
Feature: Non-Penetrating for Tripod Mounts
Material: Hot Dip Galvanized Steel
Includes: Base/Sled Unit Only
Order Separately: Tripod Mount, Rubber Mats & Pipe



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
MT416	Roof Sled Non-Penetrating	Each	80 (36)

Non-Penetrating Mounts

Application: Antenna Mounting
Size: 7', 10', or 12' Face
Design: Single Sector Bolt Together
Feature: Complete Kit with Easy Installation
Material: Hot Dip Galvanized Steel



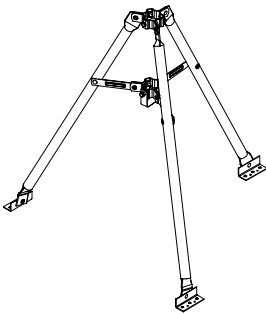
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
RFN7B	Single Sector, 7' Face, Non-Penetrating Roof Mount for 2-3/8" OD Antenna Mounting Pipe	Each	350 (159)
RFN10B	Single Sector, 10' Face, Non-Penetrating Roof Mount for 2-3/8" OD Antenna Mounting Pipe	Each	360 (163)
RFN12B	Single Sector, 12' Face, Non-Penetrating Roof Mount for 2-3/8" OD Antenna Mounting Pipe	Each	370 (168)

STEEL PRODUCTS

Antenna Mounts

Light Duty Tripod Antenna Mount

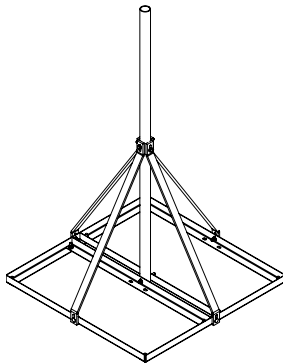
Application: Antenna Mounting
Size: 36" Tall Base, 23.25" Between Legs
Design: Penetrating & Non-penetrating
Material: Steel with Zinc Plating
Includes: Base
Ordered Separately: Pipe



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
TAM36	Tripod Antenna Mount, 36", Fits 1.3" - 2" OD Pipe (Pipe not included)	Each	8.1 (3.67)
TPCST28	Tripod Center Support Tube, 28", 1-5/8" OD & 2" OD	Each	2.2 (1.01)

Non-Penetrating Roof Mount

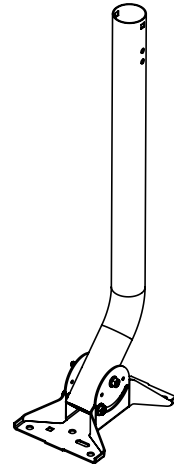
Application: Antenna Mounting
Size: 35" Square Base
Design: Non-Penetrating
Material: Hot Dip Galvanized Steel
Order Separately: Rubber Mats



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
RMSM19060	Non-Penetrating Roof Mount with 1.9" OD x 60" Pipe Included	Each	63 (29)

J-Mount

Application: Antenna Mounting
Size: 22" & 39" Mounting Pipe
Design: Swivel Base
Feature: Adjustable Angle
Material: Powder Coated Steel
Ordered Separately: Attachment Hardware



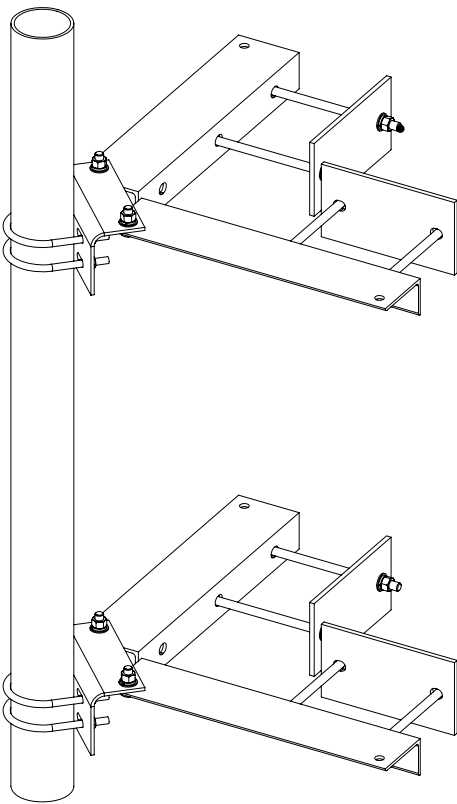
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
JPM22	J-Mount, 22", Powder Coated	Each	3.68 (1.67)
JPM39	J-Mount, 39", Powder Coated	Each	5.45 (2.47)

STEEL PRODUCTS

Wall Mounts

Corner Wall Mount

Application: Antenna Mounting
Size: 2-3/8" or 4-1/2" OD Pipe
Design: Corner Mount
Feature: Heavy-Duty & Universal Separation
Mounts to: Solid or Hollow Wall
Material: Hot Dip Galvanized Steel
Includes: Two Complete Brackets, 96" Length Pipe, Mounting Hardware for Solid and Hollow Walls

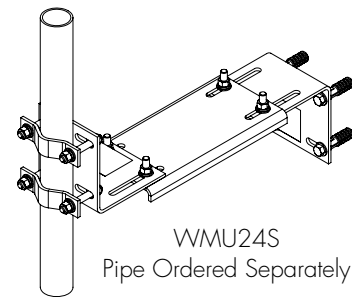


Pipe Ordered Separately

Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
CWM296	Corner Wall Mount with 2-3/8" x 96" Pipe	Each	135 (61)
CWM496	Corner Wall Mount with 4-1/2" x 96" Pipe	Each	190 (86.2)

Universal Wall Mount

Application: Antenna Mounting
Size: 14" to 24" Stand-Off
Design: Stand-Off
Feature: Adjustable Standoff
Mounts To: 3/4" to 2-3/8" Pipe
Material: Hot Dip Galvanized Steel

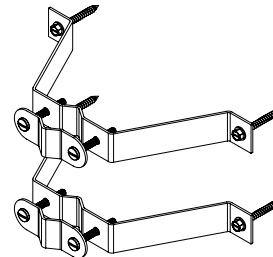


WMU24S
Pipe Ordered Separately

Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
WMU24S	Wall Mount, Universal Light Duty Solid Wall, 14" - 24" Stand-Off	Kit of 1	24.4 (11.1)
WMU24SHD	Wall Mount, Universal Heavy Duty Solid, 14" - 24" Stand-Off	Kit of 2	49.9 (22.6)

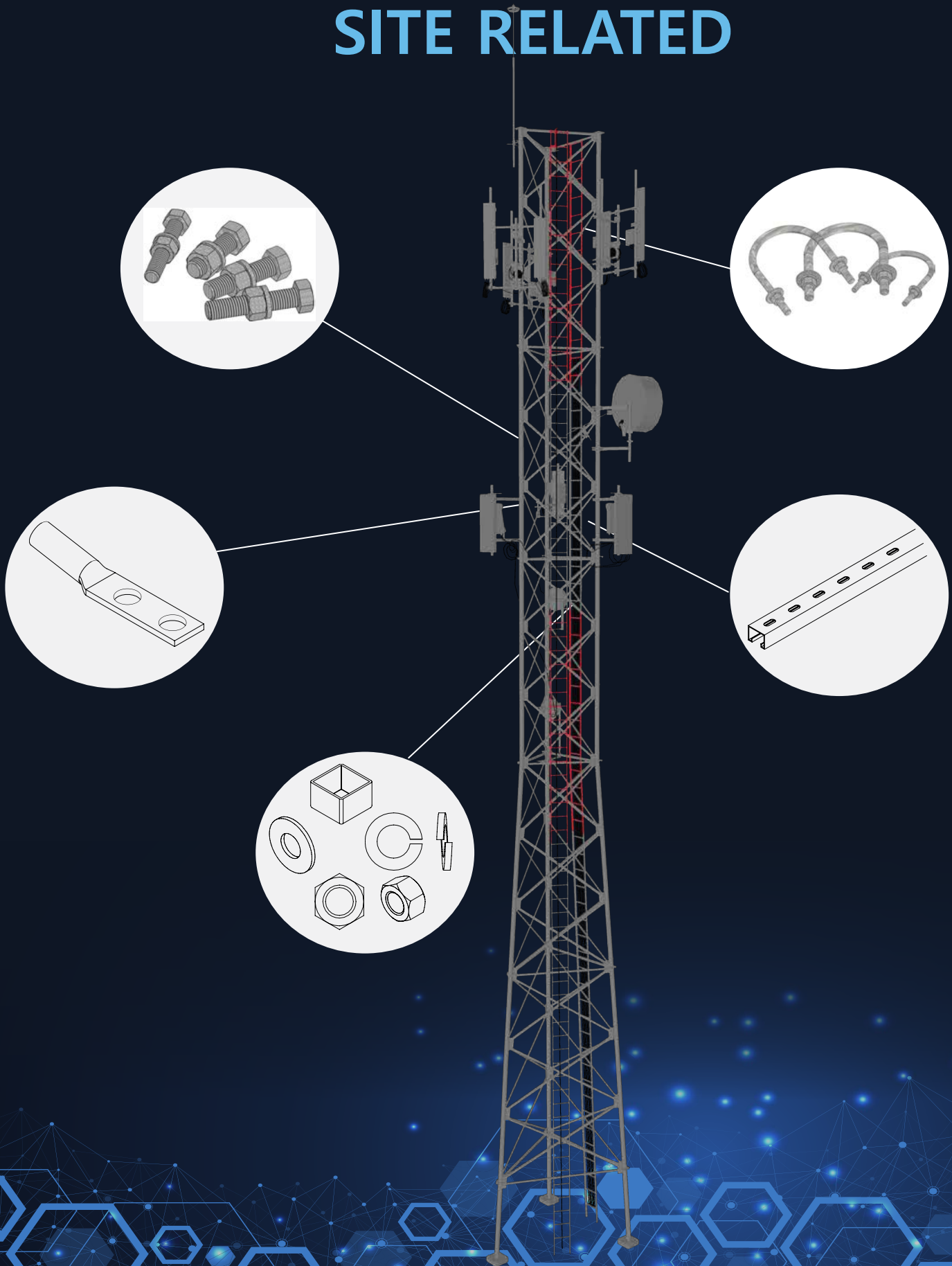
Light-Duty Wall Mount

Application: Wall Mount
Size: 4"
Design: Stand-Off
Feature: Light-Duty
Material: Hot Dip Galvanized Steel
Includes: Brackets & Hardware
Ordered Separately: Pipe



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
LDWM04	Light-Duty Wall Mount Kit, 4", For 0.68" - 1.9" Pipe	Each	1.42 (0.64)

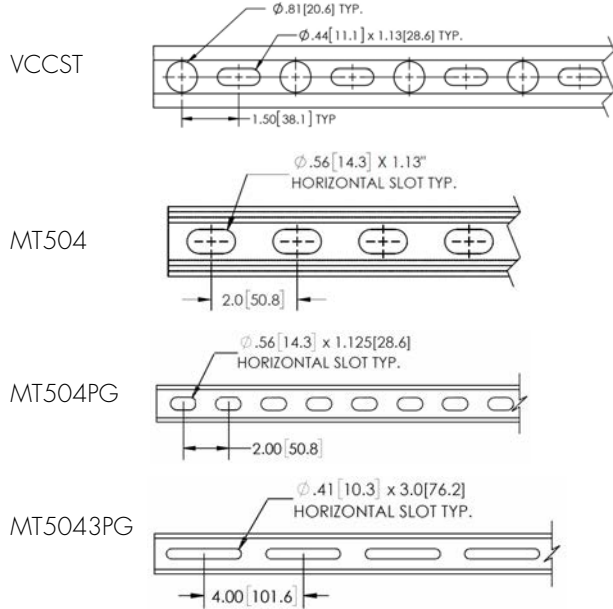
SITE RELATED



SITE RELATED

Square Rail

Application: Equipment Support
Size: 1-5/8" Widths
Design: Slotted and Universal
Material: Hot Dip Galvanized & Pre-Galvanized Steel

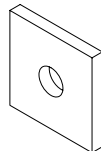


Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
VCCST	1-5/8" x 7/8" Support Rail with 13/16" Hole and 7/16" x 1-1/8" Slots, 10' Length, HDG	Each	14 (6)
MT504	1-5/8" Square Support Rail with 9/16" x 1-1/8" Slots, 10' Length, HDG	Each	13 (6)
MT504PG	1-5/8" Square Support Rail with 9/16" x 1-1/8" Slots, 10' Length, Pre Galvanized	Each	13 (6)
MT5043PG	1-5/8" Square Support Rail with 3" Slots, 10' Length, Pre Galvanized	Each	13 (6)

Spring Nut & Square Washer



Spring Nut



Square Washer

Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
MT491	1-5/8" Spring Nut, 3/8" Threaded Hole	Each	0.03 (0.07)
MT387	1-5/8" Square Washer, 7/16" Hole	Each	0.1 (0.05)

Anti-Corrosion Lubricant

Application: Corrosion Prevention
Feature: Low PIM
Includes: 8 Oz Tin Can with Brush



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
NOOXCWB	Anti-Corrosion Lubricant, Tin Can with Brush, 8oz	Kit of 1	0.61 (0.279)

Square Rail Caps



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
ENDCAPR78100	End Cap Red for 1-5/8" x 7/8"	Kit of 100	0.94 (0.43)
ENDCAPW78100	End Cap White for 1-5/8" x 7/8"	Kit of 100	0.94 (0.43)
ENDCAPR100	End Cap Red for 1-5/8" x 1-5/8"	Kit of 100	1.1 (0.5)
ENDCAPW100	End Cap White for 1-5/8" x 1-5/8"	Kit of 100	1.1 (0.5)

DIN End Cap



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
DEC4310	4.3 - 10 Female End Cap, Brass Nickel Plated	Each	0.04 (0.01)

SITE RELATED

Ground Lugs (UL Listed, CSA Certified & AT&T Approved)

Part #	Description	Kit Qty
i14S	Lug, #10-14 Short Barrel with Window, #10-1H	Each
i141010S	Lug, #10-14 Short Barrel with Inspection Window, #10-2H, 5/8" Spacing	Each
i141014	Lug, #14-#10 Stranded with Inspection Window, 1/4"-2H, 5/8" Spacing	Each
i141014U	Lug, #14-#10 Stranded with Inspection Window, 2H Universal Slotted, 1/4" and 5/8"- 3/4"	Each
i1410381	Lug, #14-#10 Stranded No Window, 3/8"-2H, 1" Spacing	Each
Fi2214	Lug, #2 Flex with Inspection Window, 1/4" - 2H, 5/8" Spacing	Each
2SBS	Lug, #2 Solid Butt Splice	Each
2S214	Lug, #2 Solid No Window, 1/4"-2H, 5/8" Spacing	Each
2S238U	Lug, #2 Solid No Window, 2H Universal Slotted, 3/4"-1"	Each
2S38	Lug, #2 Solid No Window, 3/8"-1H	Each
2S2381	Lug, #2 Solid No Window, 3/8"-2H, 1" Spacing	Each
i2S210S	Lug, #2 Solid Short Barrel with Inspection Window, #10 - 2H, 5/8" Spacing	Each
i2S238U	Lug, #2 Solid with Inspection Window, 2H Universal Slotted, 3/4" - 1"	Each
i2S214	Lug, #2 Solid with Inspection Window, 1/4" - 2H, 5/8" Spacing	Each
i2S38	Lug, #2 Solid with Inspection Window, 3/8" - 1H	Each
i2S2381	Lug, #2 Solid with Inspection Window, 3/8" - 2H, 1" Spacing	Each
2BS	Lug, #2 Stranded Butt Splice	Each
214	Lug, #2 Stranded No Window, 1/4"-1H	Each
22251	Lug, #2 Stranded No Window, 1/4"-2H, 1" Spacing	Each
2234	Lug, #2 Stranded No Window, 1/4"-2H, 3/4" Spacing	Each
2214	Lug, #2 Stranded No Window, 1/4"-2H, 5/8" Spacing	Each
2238U	Lug, #2 Stranded No Window, 2H Universal Slotted, 3/4"-1"	Each
238	Lug, #2 Stranded No Window, 3/8"-1H	Each
22381	Lug, #2 Stranded No Window, 3/8"-2H, 1" Spacing	Each
2516	Lug, #2 Stranded No Window, 5/16"-1H	Each
2234R	Lug, #2 Stranded Right Angle No Window, 1/4"-2H, 3/4" Spacing	Each
i2234R	Lug, #2 Stranded Right Angle with Inspection Window, 1/4"-2H, 3/4" Spacing	Each
i2214R	Lug, #2 Stranded Right Angle with Inspection Window, 1/4"-2H, 5/8" Spacing	Each
i2238U	Lug, #2 Stranded with Inspection Window, 2H Universal Slotted, 3/4"-1"	Each
i214	Lug, #2 Stranded with Inspection Window, 1/4"-1H	Each
i22251	Lug, #2 Stranded with Inspection Window, 1/4"-2H, 1" Spacing	Each
i2234	Lug, #2 Stranded with Inspection Window, 1/4"-2H, 3/4" Spacing	Each
i2214	Lug, #2 Stranded with Inspection Window, 1/4"-2H, 5/8" Spacing	Each

Part #	Description	Kit Qty
i238	Lug, #2 Stranded with Inspection Window, 3/8"-1H, 3/4"	Each
i22381	Lug, #2 Stranded with Inspection Window, 3/8"-2H, 1" Spacing	Each
i2516	Lug, #2 Stranded with Inspection Window, 5/16"-1H, 3/4"	Each
2214R	Lug, #2 Stranded Right Angle No Window, 1/4"-2H, 5/8" Spacing	Each
i6214S	Lug, #6 AWG, 1/4" 2H, 5/8" SPA, Short Barrel with Inspection Window, Stranded Wire, Blue	Each
i6210S	Lug, #6 Short Barrel with Inspection Window, #10-2H, 5/8" Spacing	Each
6BS	Lug, #6 Stranded Butt Splice	Each
614	Lug, #6 Stranded No Window, 1/4"-1H	Each
62251	Lug, #6 Stranded No Window, 1/4"-2H, 1" Spacing	Each
6234	Lug, #6 Stranded No Window, 1/4"-2H, 3/4" Spacing	Each
6214	Lug, #6 Stranded No Window, 1/4"-2H, 5/8" Spacing	Each
6238U	Lug, #6 Stranded No Window, 2H Universal Slotted, 3/4"-1"	Each
638	Lug, #6 Stranded No Window, 3/8"-1H	Each
62381	Lug, #6 Stranded No Window, 3/8"-2H, 1" Spacing	Each
6516	Lug, #6 Stranded No Window, 5/16"-1H	Each
i614R	Lug, #6 Stranded Right Angle with Inspection Window, 1/4"-1H	Each
i614	Lug, #6 Stranded with Inspection Window, 1/4" - 1H	Each
i62251	Lug, #6 Stranded with Inspection Window, 1/4" - 2H, 1" Spacing	Each
i62381	Lug, #6 Stranded with Inspection Window, 3/8" - 2H, 1" Spacing	Each
i8210S	Lug, #8 Short Barrel with Inspection Window, #10 - 2H, 5/8" Spacing	Each
8BS	Lug, #8 Stranded Butt Splice	Each
8210	Lug, #8 Stranded No Window, #10 Stud-2H, 5/8" Spacing	Each
814	Lug, #8 Stranded No Window, 1/4"-1H	Each
82251	Lug, #8 Stranded No Window, 1/4"-2H, 1" Spacing	Each
8214	Lug, #8 Stranded No Window, 1/4"-2H, 5/8" Spacing	Each
8238U	Lug, #8 Stranded No Window, 2H Universal Slotted, 3/8" and 3/4"-1"	Each
R814	Lug, #8 Stranded Right Angle No Window, 1/4" - 1H	Each
R814I	Lug, #8 Stranded Right Angle with Inspection Window, 1/4" - 1H	Each
i8238U	Lug, #8 Stranded with Inspection Window, 2H Universal Slotted, 3/8" and 3/4" -1"	Each
i8210	Lug, #8 Stranded with Inspection Window, #10 - 2H, 5/8" Spacing	Each
i814	Lug, #8 Stranded with Inspection Window, 1/4" - 1H	Each
i82251	Lug, #8 Stranded with Inspection Window, 1/4" - 2H, 1" Spacing	Each
i8214	Lug, #8 Stranded with Inspection Window, 1/4" - 2H, 5/8" Spacing	Each
i40238	Lug, #4 Stranded with Inspection Window, 3/8" - 2H, 1" Spacing	Each

SITE RELATED

A325 Bolts (Nut and Washer Sold Separately)

Part #	Description	Kit Qty
GB0414A01	1/2" x 1-1/2" Galvanized Bolt, A325	Each
GB0420A01	1/2" x 2" Galvanized Bolt, A325	Each
GB0424A01	1/2" x 2-1/2" Galvanized Bolt, A325	Each
GB0430A01	1/2" x 3" Galvanized Bolt, A325	Each
GB0434A01	1/2" x 3-1/2" Galvanized Bolt, A325	Each
GB0514A01	5/8" x 1-1/2" Galvanized Bolt, A325	Each
GB0520A01	5/8" x 2" Galvanized Bolt, A325	Each
GB0524A01	5/8" x 2-1/2" Galvanized Bolt, A325	Each
GB0530A01	5/8" x 3" Galvanized Bolt, A325	Each
GB0534A01	5/8" x 3-1/2" Galvanized Bolt, A325	Each
GB0620A01	3/4" x 2" Galvanized Bolt, A325	Each
GB0624A01	3/4" x 2-1/2" Galvanized Bolt, A325	Each
GB0630A01	3/4" x 3" Galvanized Bolt, A325	Each
GB0634A01	3/4" x 3-1/2" Galvanized Bolt, A325	Each
GB0640A01	3/4" x 4" Galvanized Bolt, A325	Each
GB0644A01	3/4" x 4-1/2" Galvanized Bolt, A325	Each

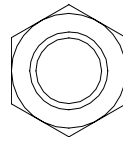
Threaded Rods (Nut and Washer Sold Separately)

Part #	Description	Kit Qty
GDO32400	3/8"-16 UNC x 24" Galvanized Threaded Rod, A307	Each
GDO41200	1/2"-13 UNC x 12" Galvanized Threaded Rod, A307	Each
GDO42400	1/2"-13 UNC x 24" Galvanized Threaded Rod, A307	Each
GDO51400	5/8"-11 UNC x 14" Galvanized Threaded Rod, A449	Each
GDO51800	5/8"-11 UNC x 18" Galvanized Threaded Rod, A449	Each
GDO52400	5/8"-11 UNC x 24" Galvanized Threaded Rod, A449	Each
GDO61200B7	3/4"-10 UNC x 12" Galvanized Threaded Rod, B7	Each
GDO61600B7	3/4"-10 UNC x 16" Galvanized Threaded Rod, B7	Each
GDO62400B7	3/4"-10 UNC x 24" Galvanized Threaded Rod, B7	Each

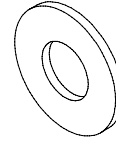
Wedge Anchors (Nut, Flat and Lock Washer Included)

Part #	Description	Kit Qty
MT271	1/2" x 3-3/4" Wedge Anchor, Zinc Coated	Each
MT280	5/8" x 6" Wedge Anchor, Zinc Coated	Each
MT287	3/4" x 7" Wedge Anchor, Zinc Coated	Each

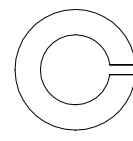
Hex Nuts, Flat Washers Lock Washers and Square Washers



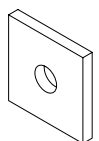
Hex Nuts



Flat Washer



Lock Washer

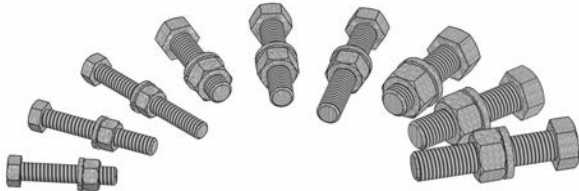


Square Washer

Part #	Description	Kit Qty
Hex Nuts		
GN03	3/8" Galvanized Hex Nut, SAE J995 Grade 5	Each
GN04	1/2" Galvanized Hex Nut, SAE J995 Grade 5	Each
GN04A	1/2" Galvanized Heavy Hex Nut, ASTM A194 Grade-2H or ASTM A563 Grade-DH	Each
GN05	5/8" Galvanized Hex Nut, SAE J995 Grade 5	Each
GN05A	5/8" Galvanized Heavy Hex Nut, ASTM A194 Grade-2H or ASTM A563 Grade-DH	Each
GN06	3/4" Galvanized Hex Nut, SAE J995 Grade 5	Each
GN06A	3/4" Galvanized Heavy Hex Nut, ASTM A194 Grade-2H or ASTM A563 Grade-DH	Each
GN07	7/8" Galvanized Hex Nut, SAE J995 Grade 5	Each
GN07A	7/8" Galvanized Heavy Hex Nut, ASTM A194 Grade-2H or ASTM A563 Grade-DH	Each
Flat Washers		
GWFO3	3/8" Galvanized Flat Washer, USS	Each
GWFO4	1/2" Galvanized Flat Washer, USS	Each
GWFO5	5/8" Galvanized Flat Washer, USS	Each
GWFO6	3/4" Galvanized Flat Washer, USS	Each
GWFO7	7/8" Galvanized Flat Washer, USS	Each
Lock Washers		
GWLO3	3/8" Galvanized Lock Washer	Each
GWLO4	1/2" Galvanized Lock Washer	Each
GWLO5	5/8" Galvanized Lock Washer	Each
GWLO6	3/4" Galvanized Lock Washer	Each
GWLO7	7/8" Galvanized Lock Washer	Each
Square Washers		
MT387	1-5/8" Galvanized Square Washer with 7/16" Hole	Each

SITE RELATED

Grade 5 Bolt Assemblies (Nut and Lock Washer Included)



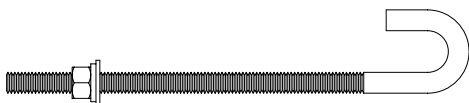
Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
GB03105	3/8" x 1" Grade 5 Bolt Assembly	Kit of 1	0.2
GB03145	3/8" x 1-1/2" Grade 5 Bolt Assembly	Kit of 1	0.22
GB03205	3/8" x 2" Grade 5 Bolt Assembly	Kit of 1	0.24
GB03245	3/8" x 2-1/2" Grade 5 Bolt Assembly	Kit of 1	0.26
GB03305	3/8" x 3" Grade 5 Bolt Assembly	Kit of 1	0.28
GB04105	1/2" x 1" Grade 5 Bolt Assembly	Kit of 1	0.35
GB04145	1/2" x 1-1/2" Grade 5 Bolt Assembly	Kit of 1	0.38
GB04205	1/2" x 2" Grade 5 Bolt Assembly	Kit of 1	0.4
GB04245	1/2" x 2-1/2" Grade 5 Bolt Assembly	Kit of 1	0.42
GB04305	1/2" x 3" Grade 5 Bolt Assembly	Kit of 1	0.45
GB04345	1/2" x 3-1/2" Grade 5 Bolt Assembly	Kit of 1	0.48

J-Bolts



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
GJB0380	3/8" x 8-1/4" Galv. J-Bolt, Full Thread	Each	0.33

J-Bolt Kit (Nut, Lock and Flat Washer Included)



Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
JB8K4	3/8" x 8-1/4" Galv. J-Bolt Kit, Full Thread, Kit of 4	Kit of 4	0.43

U-Bolt Assemblies (Nut, Lock and Flat Washer Included)

Part #	Description	Kit Qty	Wt. Lbs (Wt. Kg)
GUB3244	3/8" x 2-1/2" x 4" x 2" Galv. U-Bolt Kit	Kit of 1	0.32 (0.14)
GUB3355	3/8" x 3-5/8" x 5-1/4" x 2-11/16" Galv. U-Bolt Kit	Kit of 1	0.37 (0.17)
GUB4240	1/2" x 2-1/2" x 4" x 1-3/4" Galv. U-Bolt Kit	Kit of 1	0.63 (0.28)
GUB4352	1/2" x 3" x 5-1/4" x 2-3/4" Galv. U-Bolt Kit	Kit of 1	0.73 (0.33)
GUB4355	1/2" x 3-5/8" x 5" x 2-3/16" Galv. U-Bolt Kit	Kit of 1	0.74 (0.34)
GUB4356	1/2" x 3-5/8" x 6" x 3-13/64" Galv. U-Bolt Kit	Kit of 1	0.83 (0.38)
GUB4456	1/2" x 4-5/8" x 6-1/2" x 3-13/64" Galv. U-Bolt Kit	Kit of 1	0.88 (0.4)
GUB5456	5/8" x 4-5/8" x 6-1/2" x 2-15/16" Galv. U-Bolt Kit	Kit of 1	1.52 (0.69)

Hardware Kits of 100

Part #	Description	Kit Qty
Galvanized		
GN03100	3/8" Galvanized Hex Nut, SAE J995 Grade 5, Kit of 100	Each
GN04100	1/2" Galvanized Hex Nut, SAE J995 Grade 5, Kit of 100	Each
GWFO3100	3/8" Galvanized Flat Washer, USS, Kit of 100	Each
GWFO4100	1/2" Galvanized Flat Washer, USS, Kit of 100	Each
GWLO3100	3/8" Galvanized Lock Washer, Kit of 100	Each
GWLO4100	1/2" Galvanized Lock Washer, Kit of 100	Each
Stainless Steel		
SN02100	1/4" Stainless Steel Hex Nut, Kit of 100	Each
SN03100	3/8" Stainless Steel Hex Nut, Kit of 100	Each
SN04100	1/2" Stainless Steel Hex Nut, Kit of 100	Each
SWFO2100	1/4" Stainless Steel Flat Washer, Kit of 100	Each
SWFO3100	3/8" Stainless Steel Flat Washer, Kit of 100	Each
SWFO4100	1/2" Stainless Steel Flat Washer, Kit of 100	Each
SWLO2100	1/4" Stainless Steel Lock Washer, Kit of 100	Each
SWLO3100	3/8" Stainless Steel Lock Washer, Kit of 100	Each
SWLO4100	1/2" Stainless Steel Lock Washer, Kit of 100	Each
SB0314100	3/8" x 1-1/2" Stainless Steel Hex Bolt, Kit of 100	Each
SB0414100	1/2" x 1-1/2" Stainless Steel Hex Bolt, Kit of 100	Each

ISO Mission Statement

- * **Customers-** We will not only listen and respond to the voice of our customers, but we are dedicated to the extra mile to make every customer happy.
- * **Belief in People-** We believe in people, trust in positive intentions, encourage ideas from everyone and actively develop a management team and workforce that is diverse in style and background.
- * **Recognition-** We find reasons to celebrate the achievements of staff members as well as customers and have fun doing it.
- * **Coaching and Support-** We strive to coach and support each other in our daily routine.
- * **Accountability-** We do what we say, we are accountable, everyone understands the goal and acts like owners.
- * **Executive Excellence-** We always strive to beat previous results by continuously improving and innovating. We always follow through with daily intensity.
- * **Positive Energy-** We will continue to execute our customer's needs with positive energy and force. We hate internal bureaucracy and the ramifications it brings to our company and customers.
- * **Team Work-** We act and bond as a team, even when productive conflict is present. We are one supportive unit to our customer base.
- * **Company Slogan-** "Consider It Done" is what our success was built on. We will remain a true OEM supplier through thick and thin and expect the same loyalty from our partners and friends.



ISO9001:2015
ISO14001:2015



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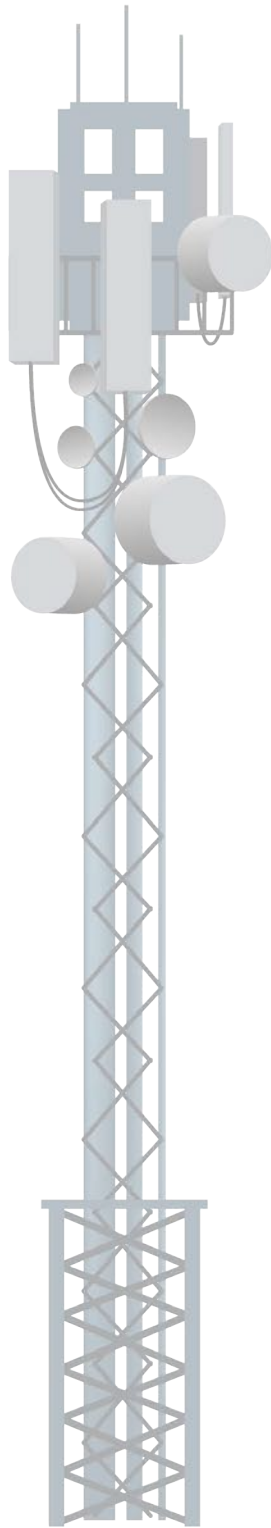
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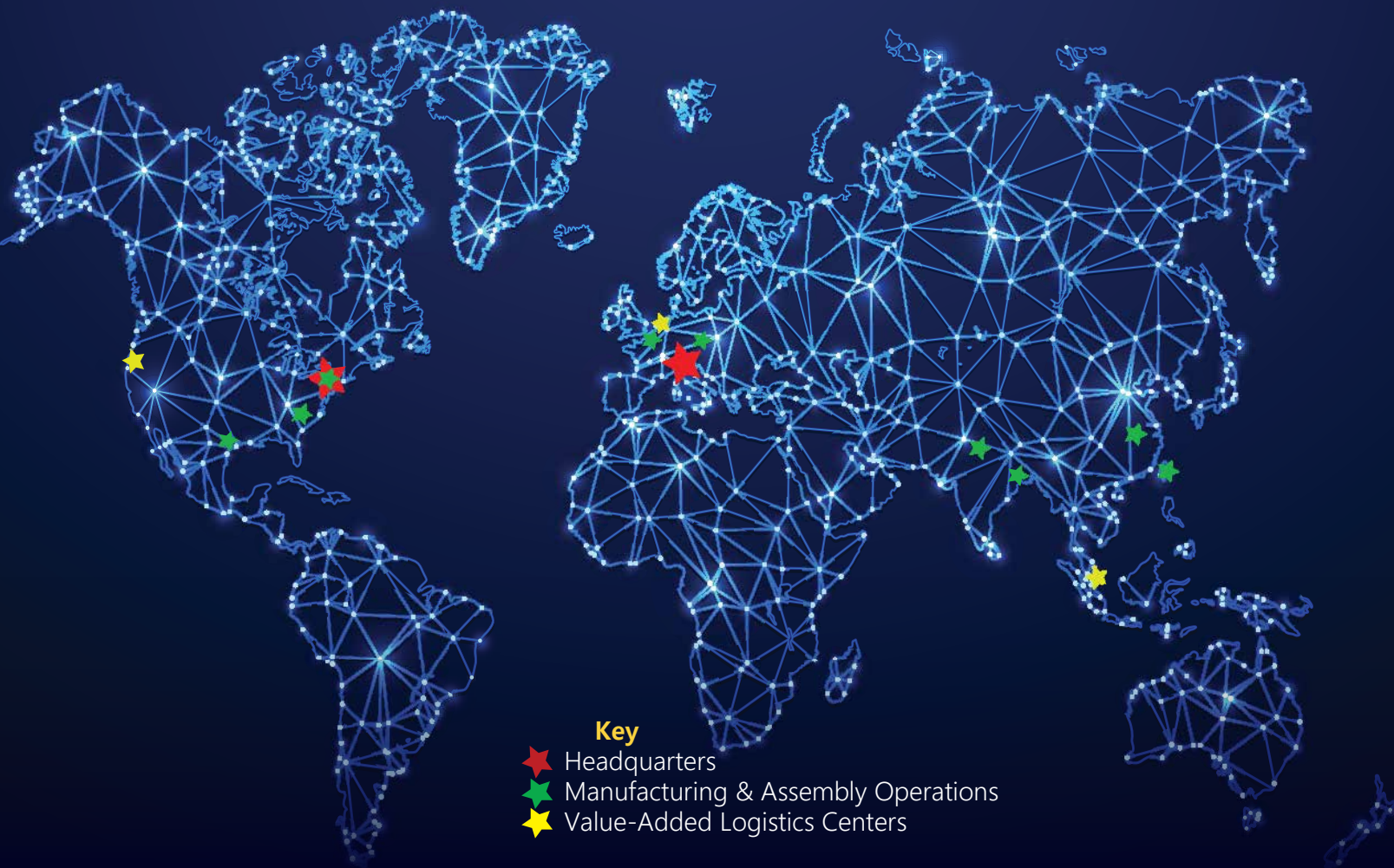
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