



High-Quality, Economical, Test Grade RF and Microwave Components & Hardware

2022 Catalog

Version 1.2

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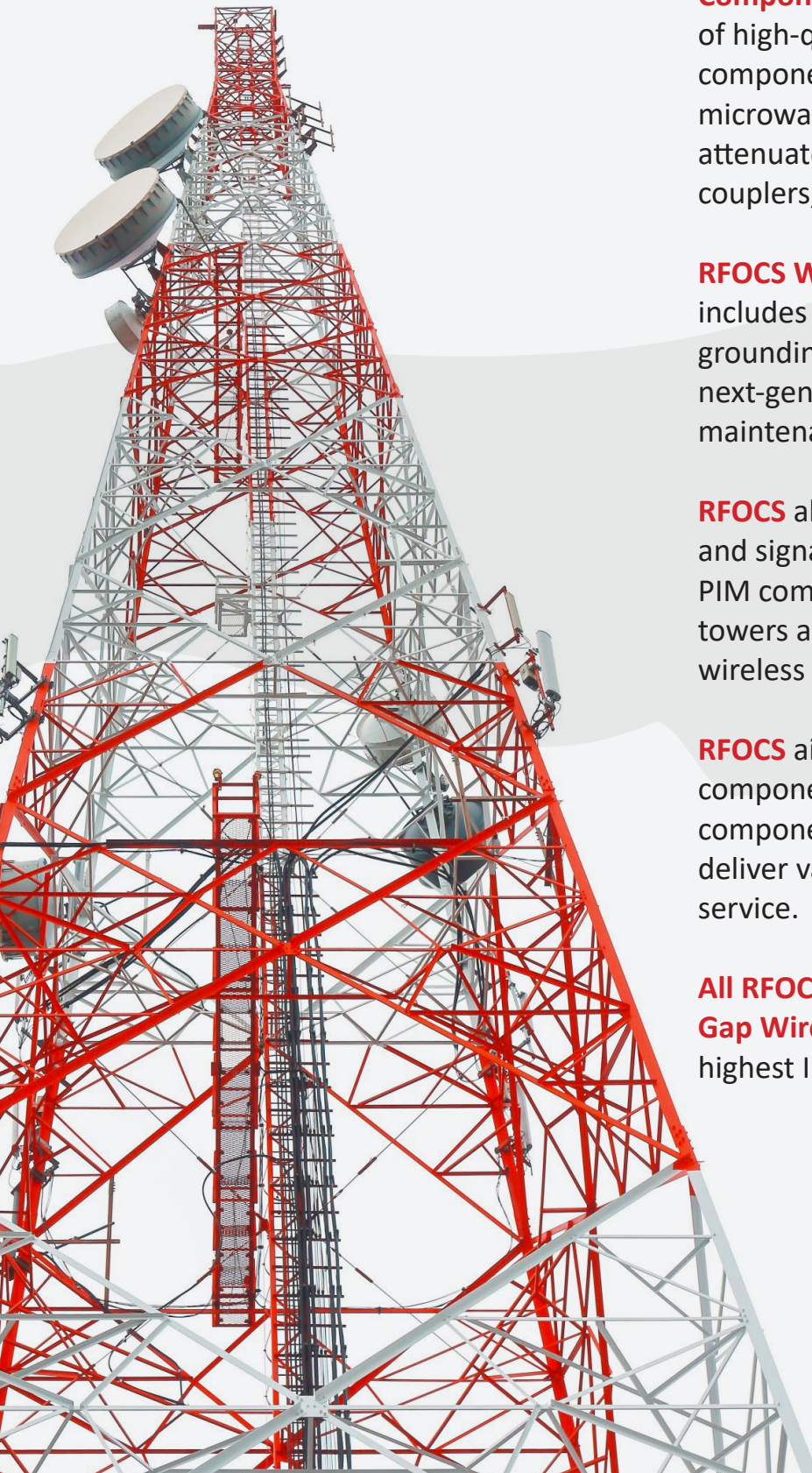


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RFOCS (Radio Frequency and Optical Components and Systems) is a leading provider of high-quality, economical, wireless site components (Hardware), test grade RF and microwave components including adapters, attenuators, cable assemblies, terminations, couplers, and much more.

RFOCS Wireless Site Components (Hardware) includes cable attachments, cable entry, grounding kits, grounding and lugs to support next-generation wireless deployments, maintenance, and enhancement.

RFOCS also provides combiners, reactive splitters, and signal tappers and carries a vast array of Low PIM components that are widely used on cellular towers and in-building DAS systems as well as in wireless research and development labs.

RFOCS aims to be your “one stop shop” for site components (hardware), RF and microwave components and assemblies. Their goal is to deliver value and quality with best-in-class service.

All RFOCS products are proudly distributed by Gap Wireless and are fully warranted to the highest Industry Standards.

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Instant Snap-In Hangers

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

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

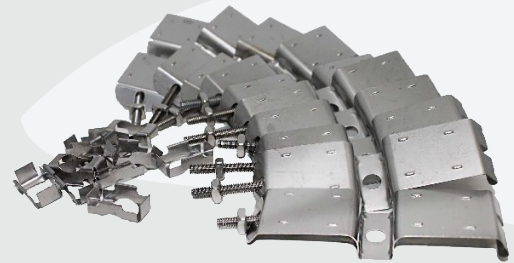


Click Part # to Purchase		Instant Snap-In Hangers
Part #	Description	Quantity
RFX-SSH-12	Stackable Snap In Hanger For 1/2" Cable	10
RFX-SSH-78	Stackable Snap In Hanger For 7/8" Cable	10
RFX-SSH-114	Stackable Snap In Hanger For 1 1/4" Cable	10
RFX-SSH-158	Stackable Snap In Hanger For 1 5/8" Cable	10

Butterfly Hangers

Generation Specifications

- Manufactured from 304 stainless steel
- Compatible with corrugated smooth wall coax and elliptical waveguide



RFX-SBH-0.5SS

Click Part # to Purchase		Butterfly Hangers
Part #	Description	Quantity
RFX-SBH-0.5SS	3/8" to 1/2" Coaxial Cable	10
RFX-SBH-0.875SS	7/8" Coaxial Cable	10
RFX-SBH-1.25SS	1-1/4" Coaxial Cable	10
RFX-SBH-1.625SS	1-5/8" Coaxial Cable	10

Stainless Steel Bolt Assemblies

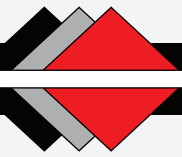
General Specifications

- 3/8" bolt, star washer, and hex nut



RFX-HSK-1

Click Part # to Purchase		Mini Hardware Kit
Part #	Description	Quantity
RFX-HSK-1	Hardware Screw Kit, Stainless Steel, 3/8" x 1", including Nut, Bolt, Star Washer	10



Angle Adapter, Standard, 3/8" Tapped

General Specifications

- Heavy duty 304 Stainless Steel construction
- Serrated edge grabs onto and holds steel surfaces
- 1" opening
- Allows for various attachment points on cell-site
- All Angle Adapters come with 3/8" x 1-3/4" SS square-head tensioning bolt
- All Angle adapters come with 3/8" x 1/2" head screw and washer



RFX-AD-3/8-WHSS

Click Part # to Purchase Angle Adapter, Standard, 3/8" Tapped		
Part #	Description	Quantity
RFX-AD-3/8-WHSS	3/8" Tapped Hole, 304 Stainless Steel with Hardware	10

Universal Angle Adapter

General Specifications

- Heavy duty 304 Stainless Steel construction
- Serrated edge grabs onto and holds steel surfaces
- 1" opening
- All Angle Adapters come with 3/8" x 1-3/4" SS square-head tensioning bolt
- Slotted to accept banding or hose clamps



RFX-AD-U3/4

Click Part # to Purchase Universal Angle Adapter		
Part #	Description	Quantity
RFX-AD-U3/4	Angle Adapter with 3/4" hole for Snap-In Hangers	10

Tower Stand Off Adapters

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

General Specifications

- Stainless steel 304
- 3/8" Tapped holes or 3/4" thru holes
- Compatible with 1/2" banding



RFX-SOA-3/8SS

Click Part # to Purchase Tower Stand Off Adapters with 3/8" Tapped Hole		
Part #	Description	Quantity
RFX-SOA-3/8SS	3/8" Tapped Hole*	10
RFX-SOA-3/8SS12	3/8" Tapped Hole, 1" - 2" OD Members	10
RFX-SOA-3/8SS23	3/8" Tapped Hole, 2" - 3" OD Members	10
RFX-SOA-3/8SS35	3/8" Tapped Hole, 3" - 5" OD Members	10
RFX-SOA-3/8SS56	3/8" Tapped Hole, 5" - 6" OD Members	10

General Specifications

- Stainless steel 304
- 3/8" Tapped holes or 3/4" thru holes
- Compatible with 1/2" banding

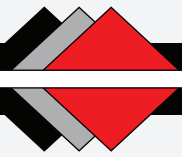


RFX-SOA-SS



RFX-SOA-3/4SS35

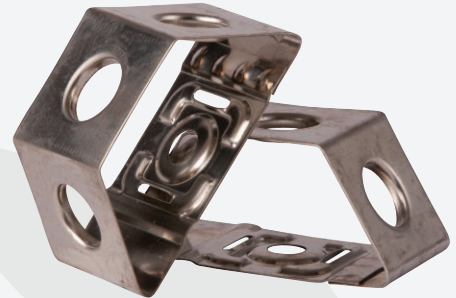
Click Part # to Purchase Tower Stand Off Adapters with 3/4" Tapped Hole		
Part #	Description	Quantity
RFX-SOA-3/4SS	3/4" Thru Hole*	10
RFX-SOA-SS	3/4" Thru Hole with 3/8" Tapped Hole Insert	10
RFX-SOA-3/4SS12	3/4" Thru Hole, 1" - 2" OD Members	10
RFX-SOA-3/4SS23	3/4" Thru Hole, 2" - 3" OD Members	10
RFX-SOA-3/4SS35	3/4" Thru Hole, 3" - 5" OD Members	10
RFX-SOA-3/4SS56	3/4" Thru Hole, 5" - 6" OD Members	10



Universal 3-Way Stand Off Adapters

General Specifications

- Durable 304 Stainless Steel construction
- Accepts up to 1-5/8" Snap-In hangers
- Accepts up to 3/4" banding



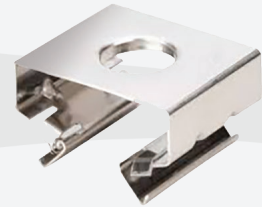
RFX-USO-34

Click Part # to Purchase Universal 3-Way Stand Off Adapters		
Part #	Description	Quantity
RFX-USO-34	Stainless Universal Stand Off Adapters	10

Anchor Rail Adapters

General Specifications

- Durable 304 Stainless Steel construction
- 3/4" hole for use with snap in hangers



RFX-RA-22

Click Part # to Purchase Anchor Rail Adapters		
Part #	Description	Quantity
RFX-RA-22	Anchor Rail Adapter With 3/4" Hole	10

Hose Clamps

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

- All components manufactured from 304 stainless steel
- Other sizes available



RFX-RMA-56SS

Click Part # to Purchase		Hose Clamps
Part #	Description	Quantity
RFX-RMA-12SS	Round Member Adapter 1" to 2", Stainless Steel	10
RFX-RMA-23SS	Round Member Adapter 2" to 3", Stainless Steel	10
RFX-RMA-35SS	Round Member Adapter 3" to 5", Stainless Steel	10
RFX-RMA-56SS	Round Member Adapter 5" to 6", Stainless Steel	10
RFX-RMA-68SS	Round Member Adapter 6" to 8", Stainless Steel	10
RFX-RMA-210SS	Round Member Adapter 2" to 10", Stainless Steel	10
RFX-RMA-1012SS	Round Member Adapter 10" to 12", Stainless Steel	10
RFX-RMA-24SS	Round Member Adapter 24", Stainless Steel	10

Clamp Heads

General Specifications

- Durable 304 Stainless Steel construction
- Accepts 1/2" banding or hose clamps
- 3/8" hole for common hardware mounting



RFX-CH-10

Click Part # to Purchase		Clamp Heads
Part #	Description	Quantity
RFX-CH-10	Stainless Steel Clamp Heads	10

Coax Blocks

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

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



RFX-BH-0.875

Click Part # to Purchase Double Run Coax Blocks		
Part #	Description	Quantity
RFX-BH-0.5	Block for 1/2" Coaxial Cable, Double Run	10
RFX-BH-0.875	Block for 7/8" Coaxial Cable, Double Run	10
RFX-BH-1.25	Block for 1-1/4" Coaxial Cable, Double Run	10
RFX-BH-1.625	Block for 1-5/8" Coaxial Cable, Double Run	10
RFX-BH-208	Block for 5/8" Coaxial Cable, Double Run	10

Metric Blocks

Metric Blocks unique design allows them to support a range of cable diameters.

- Manufactured from weather resistant polypropylene
- Accommodates 3/8", 5/16" or 10mm hardware
- Ideal for electrical wire or fiber cable



RFX-BH-58

Click Part # to Purchase Metric Blocks		
Part #	Description	Quantity
RFX-BH-58	Double Block for 5mm to 8mm OD Cable	10
RFX-BH-812	Double Block for 8mm to 12mm OD Cable	10
RFX-BH-1216	Double Block for 12mm to 16mm OD Cable	10

Universal Barrel Cushions

General Specifications

- Durable UV resistant
- Universal design for greater flexibility of use
- For Fiber, Power, Elliptical and Coaxial Cable



RFX-UBC-158

Click Part # to Purchase Universal Barrel Cushions		
Part #	Description	Quantity
RFX-UBC-12	1/2" Hanger or Block, Cable Range 3mm to 13mm	10
RFX-UBC-78	7/8" Hanger or Block Size, Cable Range 4mm to 14mm	10
RFX-UBC-114	1-1/4" Hanger or Block Size, Cable Range 14mm to 25mm	10
RFX-UBC-158	1-5/8" Hanger or Block Size, Cable Range 14mm to 36mm	10
RFX-UBC-214	2 1/4" Hanger or Block Size, Cable Range 14mm to 45mm	10

Hanger Inserts

General Specifications

- Manufactured from UV resistant EPDM rubber, the Hanger Cushions are designed to support a variety of cable sizes.
- Custom hole configurations are available on request.



RFX-BC-3613-158



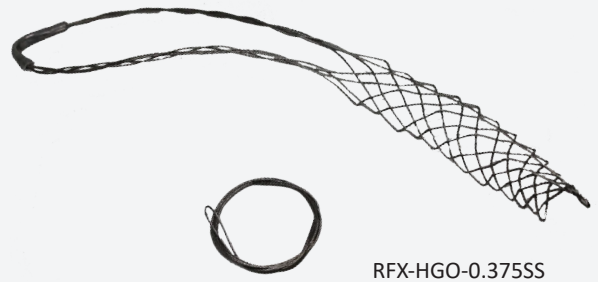
RFX-BC-220-158

Click Part # to Purchase Hanger Inserts		
Part #	Description	Quantity
RFX-BC-3613-158	Fibre Barrel Cushion, 3 Holes for 6-13mm Cable - 1-5/8" Hanger	10
RFX-BC-220-158	Cable Barrel Cushion, 2 Holes, 20mm Cable - 1-5/8" Hangers	10

Open Weave Hoisting Grips

Hoisting Grips are designed to lift and support the cable in monopoles or on towers.

- Open weave design (Lace-up)
- Stainless steel construction



RFX-HGO-0.375SS

Click Part # to Purchase			Open Weave Hoisting Grips	
Part #	Description		Quantity	
RFX-HGO-0.25SS	Open Weave Grip for 1/4" Coaxial Cable		1	
RFX-HGO-0.375SS	Open Weave Grip for 3/8" Coaxial Cable		1	
RFX-HGO-0.5SS	Open Weave Grip for 1/2" Coaxial Cable		1	
RFX-HGO-0.625SS	Open Weave Grip for 5/8" Coaxial Cable		1	
RFX-HGO-0.875SS	Open Weave Grip for 7/8" Coaxial Cable		1	
RFX-HGO-1.25SS	Open Weave Grip for 1-1/4" Coaxial Cable		1	
RFX-HGO-1.625SS	Open Weave Grip for 1-5/8" Coaxial Cable		1	

Closed Weave Hoisting Grips

Hoisting Grips are designed to lift and support the cable in monopoles or on towers.

- Closed weave design (Pre-laced)
- Stainless steel construction



RFX-HGC-0.375SS

Click Part # to Purchase			Closed Weave Hoisting Grips	
Part #	Description		Quantity	
RFX-HGC-0.25SS	Closed Weave Grip for 1/4" Coaxial Cable		1	
RFX-HGC-0.375SS	Closed Weave Grip for 3/8" Coaxial Cable		1	
RFX-HGC-0.5SS	Closed Weave Grip for 1/2" Coaxial Cable		1	
RFX-HGC-0.875SS	Closed Weave Grip for 7/8" Coaxial Cable		1	
RFX-HGC-1.25SS	Closed Weave Grip for 1-1/4" Coaxial Cable		1	
RFX-HGC-1.625SS	Closed Weave Grip for 1-5/8" Coaxial Cable		1	

Zip Ties

304 Stainless Steel Zip Ties

- Low profile, self locking, ball bearing head mechanism with fully adjustable strap provides quick installation
- Fully enclosed head does not allow dirt or grit to interfere with locking mechanism

Nylon Zip Ties

- UL listed
- Self locking nylon cable ties
- UV resistant
- Plenum rated
- Sold in 50lb., 120lb., or 250lb. test



RFX-CT-S14316



RFX-CT-N750

Click Part # to Purchase 304 Stainless Steel Zip Ties		
Part #	Description	Quantity
RFX-CT-S14316	Stainless Steel Zip Ties 14" x 3/16"	100

Click Part # to Purchase Nylon Zip Ties		
Part #	Description	Quantity
RFX-CT-N750	Nylon 7" Long 50lb Test	100
RFX-CT-N1450	Nylon 14" Long 50lb Test	100
RFX-CT-N14120	Nylon 14" Long 120lb Test	100

Hook and Loop Cable Tie Wraps

General Specifications

- Easy installation
- Hook and cinch design
- May be readjusted and reused
- Compare to Velcro™ brand



RFX-CT-HL128

Click Part # to Purchase Product Title		
Part #	Description	Quantity
RFX-CT-HL128	1/2" x 8" Cable Tie Wrap	100
RFX-CT-HL1212	1/2" x 12" Cable Tie Wrap	100
RFX-CT-HL348	3/4" x 8" Cable Tie Wrap	100
RFX-CT-HL3412	3/4" x 12" Cable Tie Wrap	100

Threaded Rods



Click Part # to Purchase		Threaded Rod Hardware Kits		
Part #	Description	Diameter	Length	Quantity
RFX-TRK-3804-SS	Stainless Steel, Threaded Rods Kit, 10 rods, 30 Nuts, 30 Lock Washers & 20 Flat Washers	3/8"	4"	1
RFX-TRK-3806-SS	Stainless Steel, Threaded Rods Kit, 10 rods, 30 Nuts, 30 Lock Washers & 20 Flat Washers	3/8"	6"	1
RFX-TRK-3808-SS	Stainless Steel, Threaded Rods Kit, 10 rods, 30 Nuts, 30 Lock Washers & 20 Flat Washers	3/8"	8"	1
RFX-TRK-3810-SS	Stainless Steel, Threaded Rods Kit, 10 rods, 30 Nuts, 30 Lock Washers & 20 Flat Washers	3/8"	10"	1
RFX-TRK-3812-SS	Stainless Steel, Threaded Rods Kit, 10 rods, 30 Nuts, 30 Lock Washers & 20 Flat Washers	3/8"	12"	1
RFX-TRK-12-G	Galvanized Threaded Rod Kit with 10 Rods, 20 Nuts, 20 Lock Washers and 20 Flat Washers	3/8"	12"	1

Click Part # to Purchase		Hardware Insert Kits
Part #	Description	Quantity
RFX-HWI-3/8K	3/8" Insert with Bolt and Washer Kit	10



RFX-HWI-3/8K

Click Part # to Purchase		Hardware Insert
Part #	Description	Quantity
RFX-HWI-3/8	Hardware Insert, 3/8", 304 Stainless Steel	10



RFX-HWI-3/8

Click Part # to Purchase		Threaded Rod Mounting Bracket
Part #	Description	Quantity
RFX-TRMB-38	Threaded Rod Mounting Bracket, Stainless Steel	10



RFX-TRMB-38

Stainless Steel Hardware

General Specifications

- Durable 304 Stainless Steel construction



RFX-SSH-BOLT38



RFX-SSH-NUT38



RFX-SSH-LOCKW38



RFX-SSH-FLATW58

Click Part # to Purchase			Stainless Steel Hardware	
Part #	Description		Quantity	
RFX-SSH-BOLT38	3/8" x 1 1/4" Hex Head Bolts		100	
RFX-SSH-NUT38	3/8" 16 Hex Nut		100	
RFX-SSH-LOCKW38	3/8" Lock Washer		100	
RFX-SSH-FLATW78	3/8" Flat Washer-7/8"OD		100	
RFX-SSH-FLATW58	3/8" Flat Washer-5/8"OD		100	

Lug Washer

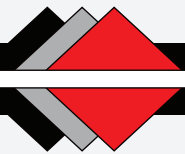
General Specifications

- 1.75" x 0.75"
- 1" OC Design
- No overlap on bus bars
- Saves times and materials
- Easy Installation



RFX-SSH-LUGW38

Click Part # to Purchase			Lug Washer	
Part #	Description		Quantity	
RFX-SSH-LUGW38	SS Double Lug Washer for 3/8" Hardware		100	



Boot Assemblies

General Specifications

- Manufactured from UV resistant EPDM rubber
- Available in both 4" and 5" sizes
- Includes two 304 stainless steel hose clamps
- One piece design for easy installation
- Inserts and plugs sold separately



RFX-CBET-BA4X



RFX-CBET-BA5X

Click Part # to Purchase		Boot Assemblies	
Part #	Description		Quantity
RFX-CBET-BA4X	4" Boot Without Cushion Insert		1
RFX-CBET-BA5X	5" Boot Without Cushion Insert		1

3" Cushion Inserts

General Specifications

- Designed for use in entry port boots
- Durable EPDM rubber design and construction
- Works with both 4" and 5" boots
- Hole sizes specified are for coaxial cables



RFX-CBET-C138



RFX-CBET-C338

Click Part # to Purchase		3" Cushion Inserts	
Part #	Description		Quantity
RFX-CBET-C138	1 Hole for 3/8"		1
RFX-CBET-C238	2 Hole for 3/8"		1
RFX-CBET-C338	3 Hole for 3/8"		1
RFX-CBET-C438	4 Hole for 3/8"		1
RFX-CBET-C538	5 Hole for 3/8"		1

3" Cushion Inserts



RFX-CBET-C112



RFX-CBET-C212



RFX-CBET-C312



RFX-CBET-C912

Click Part # to Purchase		3" Cushion Inserts	
Part #	Description	Quantity	
RFX-CBET-C112	1 Hole for 1/2"	1	
RFX-CBET-C212	2 Hole for 1/2"	1	
RFX-CBET-C312	3 Hole for 1/2"	1	
RFX-CBET-C412	4 Hole for 1/2"	1	
RFX-CBET-C912	9 Hole for 1/2"	1	
RFX-CBET-C158	1 Hole for 5/8"	1	
RFX-CBET-C458	4 Hole for 5/8"	1	



RFX-CBET-C178



RFX-CBET-C278

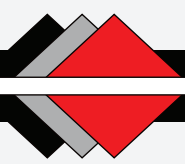


RFX-CBET-C378



RFX-CBET-C478

Click Part # to Purchase		3" Cushion Inserts	
Part #	Description	Quantity	
RFX-CBET-C178	1 Hole for 7/8"	1	
RFX-CBET-C278	2 Hole for 7/8"	1	
RFX-CBET-C378	3 Hole for 7/8"	1	
RFX-CBET-C478	4 Hole for 7/8"	1	



3" Cushion Inserts



RFX-CBET-C114



RFX-CBET-C1158



RFX-CBET-C1214



RFX-CBET-CSOLID

Click Part # to Purchase		3" Cushion Inserts	
Part #	Description		Quantity
RFX-CBET-C1114	1 Hole for 1-1/4"		1
RFX-CBET-C1158	1 Hole for 1-5/8"		1
RFX-CBET-C1214	1 Hole for 2-1/4"		1
RFX-CBET-CSOLID	Solid Insert. No Hole		1

Cushion Plug

General Specifications

- Used to seal unused holes



RFX-CBET-PL38

Click Part # to Purchase		Cushion Plug	
Part #	Description		Quantity
RFX-CBET-PL38	3/8" Insert Plug		5
RFX-CBET-PL12	1/2" Insert Plug		5
RFX-CBET-PL78	7/8" Insert Plug		5
RFX-CBET-PL114	1-1/4" Insert Plug		5
RFX-CBET-PL158	1-5/8" Insert Plug		5

Entry Port Panels

General Specifications

- Heavy duty aluminum construction
- Powder coat finish
- Sealing caps and mounting hardware included



Click Part # to Purchase 4" Entry Port Panels		
Part #	Description	Qty
RFX-EPP-1X1A	1 Port Panel 5" x 5"	1
RFX-EPP-1X1B	1 Port Panel 7" x 7"	1
RFX-EPP-1X2	2 Port Panel 1' 3-1/2" x 9-1/2"	1
RFX-EPP-1X3	3 Port Panel 1' 8" x 9-1/2"	1
RFX-EPP-1X4	4 Port Panel 2' 1-1/2" x 9-1/2"	1
RFX-EPP-1X6	6 Port Panel 3' 1/2" x 9-1/2"	1
RFX-EPP-2X2A	4 Port Panel 11" x 11"	1
RFX-EPP-CAP4	Entry Port Panel Cap 4" ID	1

Click Part # to Purchase 5" Entry Port Panels		
Part #	Description	Qty
RFX-EPP5-1X1	5" 1 port, 1 x 1	1
RFX-EPP5-1X2	5" 2 port, 1 x 2	1
RFX-EPP5-1X3	5" 3 port, 1 x 3	1
RFX-EPP5-2X2	5" 4 port, 2 x 2	1
RFX-EPP5-2X3	5" 6 port, 2 x 3	1
RFX-EPP-CAP5	Entry Port Panel Cap 5" ID	1



Weatherproofing Kit

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

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



RFX-WK-U

Click Part # to Purchase		Weatherproofing Kit
Part #	Description	Quantity
RFX-WK-U	Universal Weatherproofing Kit, (6) Butyl Mastic, (1) 2" Tape, (2) 3/4" Tape	1

Weather Enclosures Clamshell

Weather Enclosures are re-enterable, resealable, for a cost-effective weather proofing solution.

- Quick installation
- IP68 rating
- Resealable enclosures



RFX-GSC-12D

Click Part # to Purchase		Weather Enclosures
Part #	Description	Quantity
RFX-GSC-12D	Gel Seal Clamshell Weatherproofing, 1/2" Cable, 7/16 DIN Antenna Connector	1
RFX-GSC-12D43	Gel Seal Clamshell Weatherproofing, 1/2" Cable, 4.3/10 Antenna Connector	1
RFX-GSC-12D43J	Gel Seal Clamshell Weatherproofing, 1/2" Cable, for 4.3/10 JMA Connector	1

Butyl Rubber And Electrical PVC Tape

General Specifications

- Butyl provides additional moisture seal for cable connections
- UL Listed electrical PVC tape

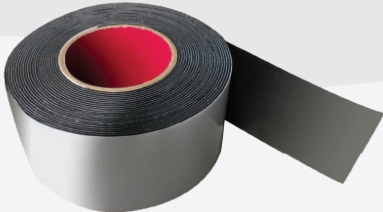


RFX-BTL

Click Part # to Purchase Butyl Rubber And Electrical PVC Tape		
Part #	Description	Quantity
RFX-BTL	Butyl Tape 2.5" x 24" Roll, Kit of 10	1
RFX-TAPE-2	2" x 20' UL Listed Electrical PVC Tape	1
RFX-CTB-15	Self Fusing Magic Tape 1.5" x 15' Long Black	1
RFX-TAPE-BK	3/4" x 66' Black UL Listed Electrical Tape	1



RFX-TAPE-2



RFX-CTB-15



RFX-TAPE-BK

Click-on Grounding Kits

The Click-on Type Ground Kits are designed to be quickly clamped onto the cable and locked into place with a clamp.

- Clamp-on design reduces installation time
- 6 AWG ground lead



RFX-GKS-0.875-0.8M

Click Part # to Purchase		Standard Grounding Kits	
Part #	Description		Quantity
RFX-GKS-0.375-0.9M	Grounding Kit, Click-on Type (Bare Copper Clamp), for LMR400 RG8 (3/8") cable 0.9 meter		1
RFX-GKS-0.5-0.8M	Grounding Kit, Click-on Type (Bare Copper Clamp), for 1/2" cable, 0.8 meter		1
RFX-GKS-0.625-1.2M	Grounding Kit, Click-on Type (Bare Copper Clamp), for 5/8" cable, 1.2 meter		1
RFX-GKS-0.875-0.8M	Grounding Kit, Click-on Type (Bare Copper Clamp), for 7/8" cable, 0.8 meter		1
RFX-GKS-1.25-0.8M	Grounding Kit, Click-on Type (Tinned), for 1-1/4" cable, 0.8 meter		1
RFX-GKS-1.625-0.8M	Grounding Kit, Click-on Type (Bare Copper Clamp), for 1-5/8" cable, 0.8 meter		1

Universal Grounding Kit

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

- Tinned copper ground strap
- 3 ft & 5 ft, 6 AWG ground lead
- Expansion rib prevents over tightening
- Includes 1/4" and 3/8" Universal Ground Lug



RFX-UGK-Mini1412-1.2M

RFX-UGK-1.0M

Click Part # to Purchase		Universal Grounding Kit	
Part #	Description		Quantity
RFX-UGK-Mini1412-1.2M	Universal Mini Grounding Kit, for 1/4" ~ 1/2" Cable, 1.2M (Lead)		1
RFX-UGK-1.0M	1/2" - 3" Universal Ground Kit with 1.0 Meter Lead (Tinned)		1
RFX-UGK-1.5M	1/2" - 3" Universal Ground Kit with 1.5 Meter Lead (Tinned)		1

Lugs

General Specifications

- UL and CUL listed
- High conductivity seamless copper construction
- Tin plated
- Long barrel
- CSA certified



RFX-SBL-i1410-10S

RFX-SBL-i62-10S

RFX-SBL-i82-10S

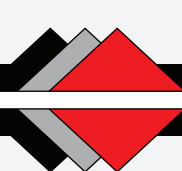
RFX-SL-6-14

RFX-SLD-2S-38

Click Part # to Purchase		Short Barrel Lugs
Part #	Description	Color Code
RFX-SBL-i14S	#10-14. 1 Hole. #10 Hole. With Window	Yellow
RFX-SBL-i1410-10S	#10-14. 2 Hole. #10 Hole, 5/8" Spacing. With Window	Yellow
RFX-SBL-i82-10S	#8. 2 Hole. #10 Hole, 5/8" Spacing. With Window	Red
RFX-SBL-i62-10S	#6. 2 Hole. #10 Hole, 5/8" Spacing. With Window	Blue
RFX-SBL-i2S2-10S	#2 Solid. 2Hole. #10 Hole, 5/8" Spacing. With Window	Gray

Click Part # to Purchase		One Hole Lugs. No Inspection Window
Part #	Description	Color Code
RFX-SL-1410	#14-#10 Gauge, 1 Hole, 1/4" Hole	Yellow
RFX-SL-#8-14	#8 Gauge, 1 Hole. 1/4" Hole	Red
RFX-SL-6-14	#6 Gauge, 1 Hole, 1.4" Hole	Blue
RFX-SL-6-38	#6 Gauge, 1 Hole, 3/8" Hole	Blue
RFX-SL-6-516	#6 Gauge, 1 Hole. 5/16" Hole	Brown
RFX-SLD-2S-38	2 Solid, #3, #4 Gauge, 1 Hole, 3/8" Hole	Grey
RFX-SL-2-14	#2 Gauge, 1Hole, 1/4" Hole	Brown
RFX-SL-2-516	#2 Gauge, 1 Hole, 5/16" Hole	Brown
RFX-SL-2-38	#2 Gauge, 1 Hole, 3/8" Hole	Brown

Click Part # to Purchase		Two Hole Lugs. No Inspection Window
Part #	Description	Color Code
RFX-SL-1410-14	#14-#10 Gauge	Yellow
RFX-SL-1410-25-1	#14-#10 Gauge, 2 Hole, 1/4" Hole. 1" Spacing	Yellow
RFX-SL-1410-38-1	#14-#10 Gauge, 2 Hole, 3/8" Hole. 1" Spacing	Yellow
RFX-SL-82-25-1	#8 Gauge, 2 Hole, 1/4" Hole with 1" Spacing	Red
RFX-SL-82-14	#8 Gauge, 2 Hole. 1/4" Holes. 5/8" Spacing	Red
RFX-SL-82-10	#8 Gauge, 2 Hole, # 10 Stud, 5/8" Spacing	Red
RFX-SL-62-14	#6 Gauge, 2 Hole, 1/4" Hole, 5/8" Spacing	Blue
RFX-SL-62-34	#6 Gauge, 2 Hole, 1/4" Hole, 3/4" Spacing	Blue



Click Part # to Purchase Two Hole Lugs. No Inspection Window		
Part #	Description	Color Code
RFX-SL-62-25-1	#6 Gauge, 2 Hole, 1/4" Hole, 1" Spacing	Blue
RFX-SL-62-38-1	#6 Gauge, 2 Hole, 3/8" Holes. 1" Spacing	Blue
RFX-SLD-2S2-14	2 Solid, #3, #4 , 2 Hole, 1/4" Holes. 5/8" Spacing	Grey
RFX-SLD-2S2-38-1	2 Solid, #3, #4 , 2 Hole. 3/8" Hole. 1" Spacing	Grey
RFX-SL-22-14	#2 Gauge, 2 Hole, 1/4" Holes. 5/8" Spacing	Brown
RFX-SL-22-34	#2 Gauge, 2 Hole, 1/4" Hole, 3/4" Spacing	Brown
RFX-SL-22-25-1	#2 Gauge, 2 Hole, 1/4" Hole, 1" Spacing	Brown
RFX-SL-22-38-1	#2 Gauge, 2 Hole, 3/8" Holes. 1" Spacing	Brown

Universal Two Hole Lugs. No Inspection Window		
Part #	Description	Color
RFX-SL-82-38U	#8 Gauge, 2 Hole Universal. 3/8" Hole & 3/4" - 1" Slotted	Red
RFX-SL-62-38U	#6 Gauge, 2 Hole Universal. 3/4" - 1" Slotted Spacing	Blue
RFX-SLD-2S2-38U	2 Solid, #3, #4, 2 Hole universal. 3/4" - 1" Slotted Spacing	Grey
RFX-SL-22-38U	#2 Gauge, 2 Hole Universal. 3/4" - 1" Slotted Spacing	Brown



RFX-SL-62-38U

RFX-SLD-2S2-38U

RFX-SL-22-38U

Barrel Splice Lugs



Universal Two Hole Lugs. No Inspection Window		
Part #	Description	Color
RFX-BSL-8BS	#8 Gauge, Butt Splice Length 2-1/4"	Red
RFX-BSL-6BS	#6 Gauge, Butt Splice Length 2-1/4"	Blue
RFX-BSL-2SBS	2 Solid, #3, #4 Gauge, Butt Splice Length 2-3/8"	Grey
RFX-BSL-2BS	#2 Gauge, Butt Splice Length 2-1/2"	Brown

Click Part # to Purchase One Hole Lugs. WITH Inspection Window		
Part #	Description	Color Code
RFX-SL-i1410	#14-#10 Gauge, 1 Hole, 1/4" Hole	Yellow
RFX-SL-i8-14	#8 Gauge, 1 Hole. 1/4" Hole	Red
RFX-SL-i6-14	#6 Gauge, 1 Hole, 1/4" Hole	Blue
RFX-SL-i6-38	#6 Gauge, 1 Hole, 3/8" Hole	Blue
RFX-SLD-i2S-38	2 Solid, #3, #4 Gauge, 1 Hole, 3/8" Hole	Grey
RFX-SL-i2-14	#2 Gauge, 1 Hole, 1/4" Hole	Brown
RFX-SL-i2-516	#2 Gauge, Stud Size 5/16"	Brown
RFX-SL-i2-38	#2 Gauge, 1 Hole, 3/8" Hole	Brown

Click Part # to Purchase Two Hole Lugs. With Inspection Window		
Part #	Description	Color Code
RFX-SL-i1410-10	#14-#10 Gauge, 2 Hole, 10# Hole. 5/8" Spacing	Yellow
RFX-SL-i1410-14	#14-#10 Gauge, 2 Hole, 1/4" Hole. 5/8" Spacing	Yellow
RFX-SL-i1410-25-1	#14-#10 Gauge, 2 Hole, 1/4" Hole. 1" Spacing	Yellow
RFX-SL-i1410-38-1	#14-#10 Gauge, 2 Hole, 3/8" Hole. 1" Spacing	Yellow
RFX-SL-i82-14	#8 Gauge, 2 Hole. 1/4" Holes. 5/8" Spacing	Red
RFX-SL-i82-10	#8 Gauge, 2 Hole, #10 Hole, 5/8" Spacing	Red
RFX-SL-i82-25-1	#8 Gauge, 2 Hole, 1/4" Hole with 1" Spacing	Red
RFX-SL-i62-10	#6 Gauge, 2 Hole, 10# Holes. 5/8" Spacing	Blue
RFX-SL-i62-14	#6 Gauge, 2 Hole, 1/4" Holes. 5/8" Spacing	Blue
RFX-SL-i62-25-1	#6 Gauge, 2 Hole, 1/4" Hole, 1" Spacing	Blue
RFX-SL-i62-38-1	#6 Gauge, 2 Hole. 3/8" Hole. 1" Spacing	Blue
RFX-SLD-i2S2-14	2 Solid, #3, #4 Gauge, 2 Hole, 1/4" Holes. 5/8" Spacing	Grey
RFX-SLD-i2S2-25-1	2 Solid, #3, #4 Gauge, 2 Hole. 1/4" Hole, 1" Spacing	Grey
RFX-SLD-i2S2-38-1	2 Solid, #3, #4 Gauge, 2 Hole. 3/8" Hole. 1" Spacing	Grey
RFX-SL-i22-14	#2 Gauge, 2 Hole, 1/4" Holes. 5/8" Spacing	Brown
RFX-SL-i22-34	#2 Gauge, 2 Hole, 1/4" Hole, 3/4" Spacing	Brown
RFX-SL-i22-25-1	#2 Gauge, 2 Hole, 1/4" Hole, 1" Spacing	Brown
RFX-SL-i22-38-1	#2 Gauge, 2 Hole, 3/8" Hole. 1" Spacing	Brown
RFX-FL-Fi22-14	#2 Flex Gauge, 2 Hole Flex Lug. 1/4" Holes, 5/8" Spacing	Brown
RFX-SL-i4/0-23-8	4/0 Stranded Gauge 2 Hole. 3/8" Hole. 1" Spacing	Purple



RFX-SL-i62-38U RFX-SLD-i2S2-38U RFX-SL-i22-25-1

Click Part # to Purchase**Universal Two Hole Lugs. With Inspection Window**

Part #	Description	Color Code
RFX-SL-i1410-14U	#14-#10 Gauge, 2 Hole, Universal. 1/4" Hole Slotted Hole. 5/8" - 3/4"	Yellow
RFX-SL-i82-38U	#8 Gauge, 2 Hole Universal. 3/8" Hole & 3/4" - 1" Slotted	Red
RFX-SL-i62-38U	#6 Gauge, 2 Hole Universal. 3/4" - 1" Slotted Spacing	Blue
RFX-SLD-i2S2-38U	2 Solid, #3, #4 Gauge, 2 Hole Universal. 3/4" - 1" Slotted Spacing	Grey
RFX-SL-i22-38U	#2 Gauge, 2 Hole Universal. 3/4" - 1" Slotted Spacing	Brown

90 Degree (Right Angle) Lugs

RFX-RAL-22-34R RFX-RAL-i6-14R RFX-RAL-i6-14R

Click Part # to Purchase

Part #	Description	Color Code
RFX-RAL-R8-14	#8 Gauge, 1 Hole, 1/4" Hole. RIGHT Angle. NO Window	Red
RFX-RAL-R8-14i	#8 Gauge, 1 Hole, 1/4" Hole. RIGHT Angle. WITH Window	Red
RFX-RAL-i6-14R	#6 Gauge, 1 Hole, 1/4" Hole. RIGHT Angle with Window	Blue
RFX-RAL-i22-14R	#2 Gauge, 2 Hole, 1/4" Hole, 5/8" Spacing. RIGHT Angle with Window	Brown
RFX-RAL-22-14R	#2 Gauge, 2 Hole, 1/4" Hole, 5/8" Spacing. RIGHT Angle no Window	Brown
RFX-RAL-22-34R	#2 Gauge, 2 Hole, 1/4" Hole, 3/4" Spacing. RIGHT Angle no Window	Brown
RFX-RAL-62-14R	#6 Gauge, 2 Hole, 1/4" Hole, 5/8" Spacing. RIGHT Angle no Window	Blue
RFX-RAL-FI22-14R	#2 flex Gauge, 2 Hole, 1/4" Hole, 5/8" Spacing. Right Angle with Window	Brown

Ratchet Crimping Tool

General Specifications

- Color coded rotating die
- Die includes 5 cavities: #10-#14, #2, 2 solid
- (includes #3 & # 4), #6 and #8 awg



RFX-RDLC

Click Part # to Purchase Ratchet Crimping Tool		
Part #	Description	Quantity
RFX-RDLC	Lug Ratchet Crimping Tools	1

Tinned Copper Buss Bars

General Specifications

- Solid 1/4" thick copper buss bars
- Universal hole pattern accepts 2 hole lugs with 3/4" and/or 1" spacing
- Custom patterns and hole sizes available

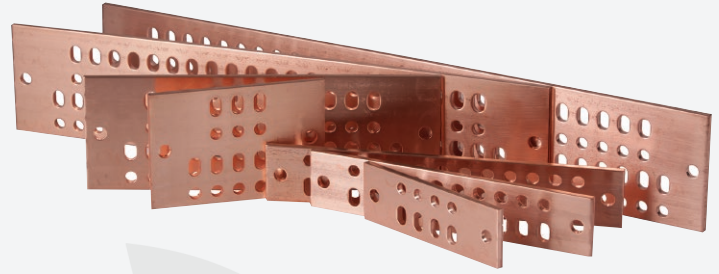


Click Part # to Purchase Tinned Copper Buss Bars		
Part #	Description	Quantity
RFX-GBT-1426	Tinned Copper Buss Bar 2"x 6"	1
RFX-GBT-14210	Tinned Copper Buss Bar 2"x 10"	1
RFX-GBT-14212	Tinned Copper Buss Bar 2"x 12"	1
RFX-GBT-14214	Tinned Copper Buss Bar 2"x 14"	1
RFX-GBT-1446	Tinned Copper Buss Bar 4"x 6"	1
RFX-GBT-1448	Tinned Copper Buss Bar 4"x 8"	1
RFX-GBT-14410	Tinned Copper Buss Bar 4"x 10"	1
RFX-GBT-14412	Tinned Copper Buss Bar 4"x 12"	1
RFX-GBT-14414	Tinned Copper Buss Bar 4"x 14"	1
RFX-GBT-14420	Tinned Copper Buss Bar 4"x 20"	1
RFX-GBT-14424	Tinned Copper Buss Bar 4"x 24"	1

Copper Buss Bars

General Specifications

- Solid 1/4" thick copper buss bars
- Universal hole pattern accepts 2 hole lugs with 3/4" and/or 1" spacing
- Custom patterns and hole sizes available

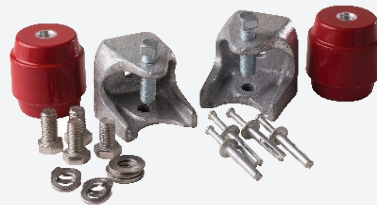


Click Part # to Purchase		Copper Buss Bars
Part #	Description	Quantity
RFX-GBC-1426	Solid Copper Buss Bar 2"x 6"	1
RFX-GBC-14210	Solid Copper Buss Bar 2"x 10"	1
RFX-GBC-14212	Solid Copper Buss Bar 2"x 12"	1
RFX-GBC-14214	Solid Copper Buss Bar 2"x 14"	1
RFX-GBC-1446	Solid Copper Buss Bar 4"x 6"	1
RFX-GBC-1448	Solid Copper Buss Bar 4"x 8"	1
RFX-GBC-14410	Solid Copper Buss Bar 4"x 10"	1
RFX-GBC-14412	Solid Copper Buss Bar 4"x 12"	1
RFX-GBC-14414	Solid Copper Buss Bar 4"x 14"	1
RFX-GBC-14420	Solid Copper Buss Bar 4"x 20"	1
RFX-GBC-14424	Solid Copper Buss Bar 4"x 24"	1

Buss Bar Hardware Kit



RFX-BBHK-UN



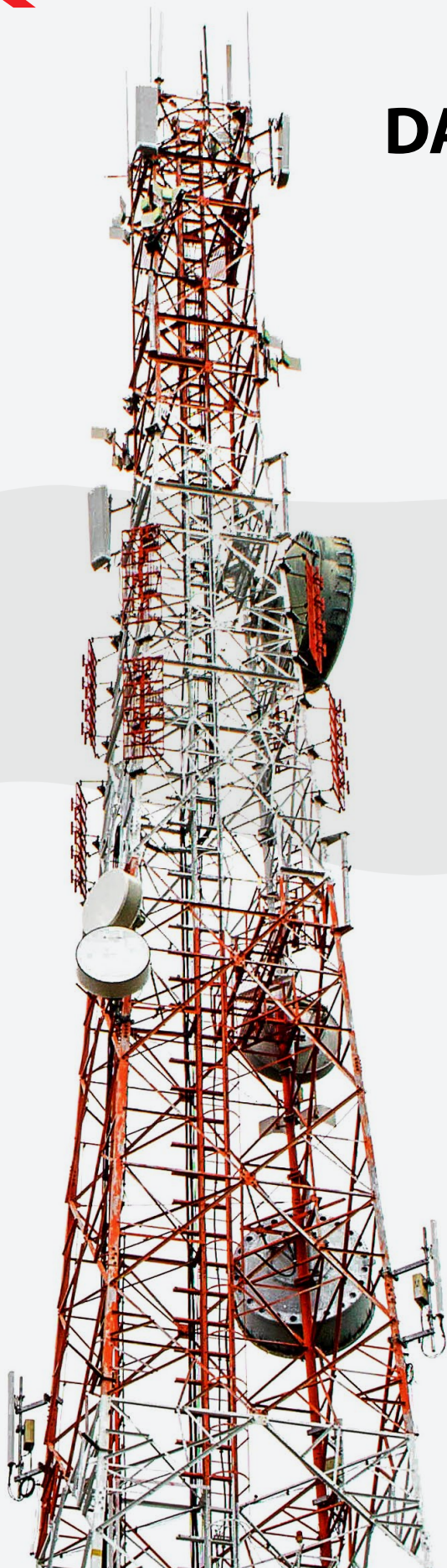
RFX-BBHK-TOWER



RFX-BBIN38K

Click Part # to Purchase		Buss Bar Hardware Kit
Part #	Description	Quantity
RFX-BBHK-UN	Universal Ground Bar Hardware Kit	1
RFX-BBHK-TOWER	Buss Bar Hardware Kits for Tower Mounting-- No Brackets	1
RFX-BBIN38K	Insulator Kit, 2, 3/8" Insulators, 4 Bolts and 4 Lock Washers	1

DAS/RF COMPONENTS



Interseries Adapters

Typical Specifications

Frequency: DC - 7.5 GHz

PIM: -160dBc / 165dbc

V.S.W.R: ≤ 1.10 (DC-4G)

Inner Plating: Silver Plate

Shell plating: Tri-Metal or Silver

Temperature: -40°C- +85°C

Pluggable Force: ≥ 0.56N

Durability: 500 Cycles



Click Part # to Purchase	Connector 1	Connector 2
101601	7/16 DIN Male	4.1/9.5-MiniDin Male
101602	7/16 DIN Male	4.1/9.5-MiniDin Female
102601	7/16 DIN Female	4.1/9.5-MiniDin Male
102602	7/16 DIN Female	4.1/9.5-MiniDin Female
121601	Type N Male	4.1/9.5-MiniDin Male
121602	Type N Male	4.1/9.5-MiniDin Female
122601	Type N Female	4.1/9.5-MiniDin Male
122602	Type N Female	4.1/9.5-MiniDin Female
602604	4.1/9.5-MiniDin Female	4.1/9.5-MiniDin Female

Interseries Adapters 7/16 DIN to Type N

Typical Specifications

Frequency: DC - 7.5 GHz

PIM: -155dbc /160dbc

V.S.W.R: ≤ 1.10 (DC-3G)

Inner Plating: Silver Plate

Shell plating: Tri-Metal or Silver

Temperature: -40°C- +85°C

Pluggable Force: ≥ 0.56N

Durability: 500 Cycles



Click Part # to Purchase	Connector 1	Connector 2
101121ULP	7/16 DIN Male	Type N Male
101122ULP	7/16 DIN Male	Type N Female
102121ULP	7/16 DIN Female	Type N Male
102122ULP	7/16 DIN Female	Type N Female
103122	7/16 DIN Male Right Angle	Type N Female

Interseries Adapters 7/16 DIN to 4.3/10

Typical Specifications

Frequency: DC - 7.5 GHz

PIM: -165dBc

V.S.W.R: ≤ 1.10 (DC-4G)

Inner Plating: Silver Plate

Shell plating: Tri-Metal or Silver

Temperature: -40°C- +85°C

Pluggable Force: $\geq 0.56\text{N}$

Durability: 500 Cycles



102701ULP



101702ULP



102702ULP



101701ULP

Click Part # to Purchase	Connector 1	Connector 2
102701ULP	7/16 DIN Female	4.3/10 Male
101702ULP	7/16 DIN Male	4.3/10 Female
102702ULP	7/16 DIN Female	4.3/10 Female
101701ULP	7/16 DIN Male	4.3/10 Male

Interseries Adapters

Typical Specifications

Frequency: DC - 7.5 GHz

PIM: -165dBc

V.S.W.R: ≤ 1.06 (DC-4G)

Inner Plating: Silver Plate

Shell plating: Tri-Metal or Silver

Temperature: -40°C- +85°C

Pluggable Force: $\geq 0.56\text{N}$

Durability: 500 Cycles



122701ULP



121702ULP



122702ULP



121701ULP

Click Part # to Purchase	Connector 1	Connector 2
122701ULP	Type N Female	4.3/10 Male
121702ULP	Type N Male	4.3/10 Female
122702ULP	Type N Female	4.3/10 Female
121701ULP	Type N Male	4.3/10 Male

Interseries Adapters

Typical Specifications

Frequency: DC - 11 GHz

PIM: SFX-1

V.S.W.R: ≤ 1.10 (DC-3G)

Inner Plating: Gold Plate

Shell plating: Tri-Metal or Nickel

Temperature: -55°C- +155°C

Pluggable Force: ≥ 0.56N

Durability: 500 Cycles



122131



122181



122192E



121141C

Click Part # to Purchase	Connector 1	Connector 2
121132	Type N Male	Type TNC Female
122132	Type N Female	Type TNC Female
122131	Type N Female	Type TNC Male
122133	Type N Female	Type TNC Male Right Angle
122181	Type N Female	Type BNC Male
122192E	Type N Female	Type FME Female
121141C	Type N Male	Type SMA Male
122141C	Type N Female	Type SMA Male
121142C	Type N Male	Type TNC Female
122142C	Type N Female	Type TNC Female
141141M	Type SMA Male	Type SMA Male
142142M	Type SMA Female	Type SMA Female
131131	Type TNC Male	Type TNC Male

Intraserie Adapters

Typical Specifications

Frequency: DC - 7.5 GHz

PIM: -165dBc

V.S.W.R: ≤ 1.10 (DC-3G)

Inner Plating: Silver Plate

Shell plating: Tri-Metal or Silver

Temperature: -40°C- +85°C

Pluggable Force: ≥ 0.56N

Durability: 500 Cycles



122141C



122142C



141141M



142142M

Click Part # to Purchase	Connector 1	Connector 2
121121C	Type N Male	Type N Male
121123	Type N Male	Type N Male Right Angle
122122C	Type N Female	Type N Female
121122	Type N Male	Type N Female
122123	Type N Female	Type N Male Right Angle
122124	Type N Female	Type N Female Bulkhead

Interseries Adapters

Typical Specifications

Frequency: DC - 7.5 GHz

PIM: -155dBc or -165dBc ULP

V.S.W.R: ≤ 1.10 (DC-3G)

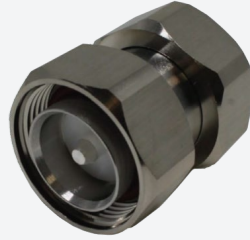
Inner Plating: Silver Plate

Shell plating: Tri-Metal or Silver

Temperature: -40°C- +85°C

Pluggable Force: $\geq 0.6N$

Durability: 500 Cycles



101101ULP



102104ULP

Click Part # to Purchase	Connector 1	Connector 2
101101	7/16 DIN Male	7/16 DIN Male
101102	7/16 DIN Male	7/16 DIN Female
102102	7/16 DIN Female	7/16 DIN Female
102103	7/16 DIN Female	7/16 DIN Male Right Angle
101101ULP	7/16 DIN Male	7/16 DIN Male
101102ULP	7/16 DIN Male	7/16 DIN Female
102103ULP	7/16 DIN Female	7/16 DIN Male Right Angle
102102ULP	7/16 DIN Female	7/16 DIN Female
102104ULP	7/16 DIN Female	7/16 DIN Female Bulkhead

Typical Specifications

Frequency: DC - 7.5 GHz

PIM: -165dBc

V.S.W.R: ≤ 1.06 (DC-4G)

Inner Plating: Silver Plate

Shell plating: Tri-Metal or Silver

Temperature: -40°C- +85°C

Pluggable Force: $\geq 0.56N$

Durability: 500 Cycles

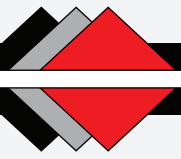


701702ULP



702702ULP

Click Part # to Purchase	Connector 1	Connector 2
701701ULP	4.3/10 Male	4.3/10 Male
701702ULP	4.3/10 Male	4.3/10 Female
702703ULP	4.3/10 Female	4.3/10 Male Right Angle
702702ULP	4.3/10 Female	4.3/10 Female
702704ULP	4.3/10 Female	4.3/10 Female Bulkhead



Adapter Kits

General Specifications

- Premium quality, featuring gold-plated pins and PTFE insulators
- Gold-plated overall.
- Supplied in portable black leatherette zippered storage case.



Click Part # to Purchase		Adapter Kits
Part #	Description	Quantity
Tools-01	Adapter Kit, 40 pieces, includes F, RCA, SMA, UHF, BNC, TNC, Mini-UHF, Type N, and 8 Couplers. Includes 2 X Male and Female for each type	1
Tools-02	Adapter Kit, 30 pieces, includes SMA, UHF, BNC, TNC, Mini-UHF, Type N, and 6 Couplers. Includes 2 X Male and Female for each type	1

Patch Panels

A wide selection of custom patch panels are available upon request.



PP-N-12

Click Part # to Purchase		Patch Panels
Part #	Description	Quantity
PP-N-24	24 Port N Female to N Female Patch Panel 2RU	1
PP-N-12	12 Port N Female to N Female Patch Panel 1RU	1

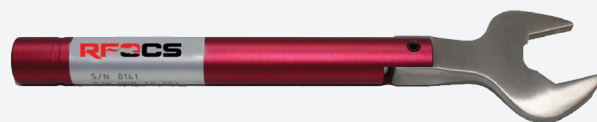
RFOCS Connector Listing Guide

	Plug Male	Jack Female	Right Angle Plug (M)	Bulkhead Jack (Female)	Panel Jack (Male) Rear	RP Plug (M)	RP Jack (F)	Right Angle Jack (F)	"RP Bulkhead Jack (F)"
7/16 DIN	101	102	103	104	105	106	107	108	109
QMA	111	112	113	114	115	116	117	118	119
N	121	122	123	124	125	126	127	128	129
TNC	131	132	133	134	135	136	137	138	139
SMA	141	142	143	144	145	146	147	148	149
QN	151	152	153	154	155	156	157	158	159
mmCX	161	162	163	164	165	166	167	168	169
DIN 1.0/2.3	171	172	173	174	175	176	177	178	179
BNC	181	182	183	184	185	186	187	188	189
FME	191	192	193	194	195	196	197	198	199
MCX	201	202	203	204	205	206	207	208	209
MiniUHF	211	212	213	214	215	216	217	218	219
SMB	221	222	223	224	225	226	227	228	229
SMC	231	232	233	234	235	236	237	238	239
Twinax	241	242	243	244	245	246	247	248	249
UHF	251	252	253	254	255	256	257	258	259
1.85mm	261	262	263	264	265	266	267	268	269
7mm	271	272	273	274	275	276	277	278	279
2.4mm	281	282	283	284	285	286	287	288	289
SSMA	291	292	293	294	295	296	297	298	299
2.92mm	301	302	303	304	305	306	307	308	309
3.5mm	311	312	313	314	315	316	317	318	319
LC	321	322	323	324	325	326	327	328	329
SSMB	331	332	333	334	335	336	337	338	339
C	341	342	343	344	345	346	347	348	349
F	351	352	353	354	355	356	357	358	359
N-75	361	362	363	364	365	366	367	368	369
BNC-75	371	372	373	374	375	376	377	378	379
Banana	381	382	383	384	385	386	387	388	389
Binding Post	391	392	393	394	395	396	397	398	399
Smart N	401	402	403	404	405	406	407	408	409
SMP	411	412	413	414	415	416	417	418	419
TNC 75 Ohm	421	422	423	424	425	426	427	428	429
Mini BNC	431	432	433	434	435	436	437	438	439
RCA	441	442	443	444	445	446	447	448	449
CRC9	451	452	453	454	455	456	457	458	459
USB A	461	462	463	464	465	466	467	468	469
FAKRA	471	472	473	474	475	476	477	478	479
TS9	481	482	483	484	485	486	487	488	489
1/4" TRS	491	492	493	494	495	496	497	498	499
Nex10	501	502	503	504	505	506	507	508	509
USB B	511	512	513	514	515	516	517	518	519
Triax	521	522	523	524	525	526	527	528	529
DB9	531	532	533	534	535	536	537	538	539
RJ45	541	542	543	544	545	546	547	548	549
PL259	551	552	553	554	555	556	557	558	559
DMX	561	562	563	564	565	566	567	568	569
MiniSMP	571	572	573	574	575	576	577	578	579
MC Card	581	582	583	584	585	586	587	588	589
U.FL	591	592	593	594	595	596	597	598	599
4.1/9.5-MiniDin	601	602	603	604	605	606	607	608	609
G3PO	611	612	613	614	615	616	617	618	619
1.0mm	621	622	623	624	625	626	627	628	629
0.8mm	631	632	633	634	635	636	637	638	639
PC Mount	641	642	643	644	645	646	647	648	649
QD-SMA	651	652	653	654	655	656	657	658	659
4.3/10	701	702	703	704	705	706	707	708	709
2.2-5	801	802	803	804	805	806	807	808	809



Torque Wrenches

RFOCS torque wrenches are used to properly install or disassemble a wide range of coaxial connectors. This series of torque wrenches is designed with a preset torque value. When the preset torque value is reached, it will “break” and move through a small arc about the pivot pin. The torque tolerance accuracy of RFOCS torque wrenches is within $\pm 4\%$.



MOB-TR-004

Click Part # to Purchase Torque Wrenches					
Part #	Description	Wrench Size		Preset Torque	Colour
		mm	Inches		
MOB-TR-001	For SMA/3.5mm/2.92mm/2.4mm Type Connectors, Normal Coupling Torque	8	5/16	8.0 in.lbs	Blue
MOB-TR-003	For N Type Connectors, Normal Coupling Torque	19.1	3/4	8.0 in.lbs	Blue
MOB-TR-004	For N/7mm Type Connectors, Proof Coupling Torque	7	3/4	14.0 in.lbs	Red
MOB-TR-005	For N Type Connectors, Normal Coupling Torque	20	25/32	8.0 in.lbs	Blue
MOB-TR-006	For For N Type Connectors, Proof Coupling Torque	20	25/32	14.0 in.lbs	Red
MOB-TR-008	For SC/N Type Connectors, Proof Coupling Torque	20.6	13/16	14.0 in.lbs	Red
MOB-TR-010	For TNC Connectors	15.9	5/8	12.0 in.lbs	Red
MOB-TR-016	For 1mm Type Connectors Preset Torque	6	15/64	4.0 in.lbs	Red
MOB-TR-017	For TNC Type Connectors Preset Torque	14.3	9/16	6.0 in.lbs	Blue
MOB-TR-019	For SMA Connectors	8	5/6	5.0 in.lbs	Blue
MOB-TR-087	For 7/16-DIN Type Connectors Preset Torque	32	1-1/4	221.0 in.lbs [25 N*m]	Red
MOB-TR-092	For 4.3/10 Type Connectors Preset Torque	22	N/A	90.0 in.lbs [10.2 N*m]	Red
RFX-TR-N10	NEX10 Type Connectors Preset Torque	12	9/10	26.55 in.lbs [3 N*m]	Black



Jumpers

RFOCS Low PIM 1/4", 3/8", 1/2" 50 Ohm coax cable jumpers are super-flexible and less prone to kinks because of spiral copper corrugated outer conductor. The superflex cable features a 1.25" bending radius. This coaxial cable transmission line has a copper-clad aluminum center conductor. Maximum frequency capacity is 11 GHz.

Click Part # to Purchase Jumpers – 1/4" Superflex			
Part #	Connector Type 1	Connector Type 2	Length
101SF1LP101-1.0M	7/16-DIN Male	7/16-DIN Male	1.0 Meter
101SF1LP121-1.0M	7/16-DIN Male	Type N Male	1.0 Meter
121SF1LP12100180	Type N Male	Type N Male	1.5 Feet
121SF1LP12100240	Type N Male	Type N Male	2 Feet
121SF1LP12100360	Type N Male	Type N Male	3 Feet
121SF1LP12200180	Type N Male	Type N Female	18 Inches
121SF1LP12200240	Type N Male	Type N Female	2 Feet
121SF1LP12200360	Type N Male	Type N Female	3 Feet
122SF1LP12200240	Type N Female	Type N Female	2 Feet
Click Part # to Purchase Jumpers – 1/2" Superflex			
Part #	Connector Type 1	Connector Type 2	Length
101SF4LP701-1.0M	7/16-DIN Male	4.3/10 Male	1 Meter
121SF4LP701-1.0M	Type N Male	4.3/10 Male	1 Meter
701SF4LP701-1.0M	4.3/10 Male	4.3/10 Male	1 Meter
101SF4LP101-1.0M	7/16 DIN Male	7/16-DIN Male	1 Meter
101SF4LP101-2.0M	7/16 DIN Male	7/16-DIN Male	2 Meters
101SF4LP101-3.0M	7/16 DIN Male	7/16-DIN Male	3 Meters
101SF4LP101-5.0M	7/16 DIN Male	7/16-DIN Male	5 Meters
101SF4LP102-1.0M	7/16 DIN Male	7/16 DIN Female	1 Meter
101SF4LP102-3.0M	7/16 DIN Male	7/16 DIN Female	3 Meters
101SF4LP102-5.0M	7/16 DIN Male	7/16 DIN Female	5 Meters
101SF4LP121-1.0M	7/16 DIN Male	Type N Male	1 Meter
101SF4LP121-3.0M	7/16 DIN Male	Type N Male	3 Meters
121SF4LP121-1.0M	Type N Male	Type N Male	1 Meter
121SF4LP121-2.0M	Type N Male	Type N Male	2 Meters
121SF4LP121-3.0M	Type N Male	Type N Male	3 Meters
121SF4LP122-1.0M	Type N Male	Type N Female	1 Meter
121SF4LP122-3.0M	Type N Male	Type N Female	3 Meters
121SF4LP122-5.0M	Type N Male	Type N Female	5 Meters
121SF4LP601-1.0M	Type N Male	4.1/9.5-MiniDin Male	1 Meter
121SF4LP601-2.0M	Type N Male	4.1/9.5-MiniDin Male	2 Meters
122SF4LP122-3.0M	Type N Female	Type N Female	3 Meters
101SF4LP101-8.0M	7/16 DIN Male	7/16-DIN Male	8 Meters
Click Part # to Purchase Jumpers – 3/8" Superflex			
Part #	Connector Type 1	Connector Type 2	Length
101SF2LP101-2.0M	7/16-DIN Male	7/16-DIN Male	2 Meters
101SF2LP101-3.0M	7/16-DIN Male	7/16-DIN Male	3 Meters
101SF2LP102-1.0M	7/16-DIN Male	7/16 DIN Female	1 Meter
101SF2LP102-3.0M	7/16-DIN Male	7/16 DIN Female	3 Meters
101SF2LP121-1.0M	7/16-DIN Male	Type N Male	1 Meter
101SF2LP121-3.0M	7/16-DIN Male	Type N Male	3 Meters
121SF2LP122-1.0M	Type N Male	Type N Female	1 Meter
101SF2LP101-1.0M	7/16-DIN Male	7/16-DIN Male	1 Meter
101SF2LP101-5.0M	7/16-DIN Male	7/16-DIN Male	5 Meters



RFOCS by Amphenol

RFOCS by Amphenol RF Jumpers are designed to meet the demanding requirements of today's high performance wireless networks. These ½" RF Jumpers are Tested, PIM Certified and serialised for performance tracking through the Amphenol online portal. Each RF Jumper includes the Amphenol patented WPS Weather Proofing Boot System to ensure the highest level of environmental protection.



Typical Specifications

Nominal Impedance: 50 Ohm

Frequency Range: DC - 7.5 GHz

PIM: -160dBc

V.S.W.R: ≤ 1.10 (DC-3G)

Insert Loss (dB):

Insulation Resistance: ≥5000

Proof Voltage (V): 1000

Screen Efficiency (dB): ≥ 110

Power Rating (W): 300

Click Part # to Purchase		Jumpers – 1/2" Standard	
Part #	Connector Type 1	Connector Type 2	Length
AFK616-2-3M-B	4.3/10	7/16 DIN	3 Meters
AFK616-2-5M-B	4.3/10	7/16 DIN	5 Meters
AFK616-2-7M-B	4.3/10	7/16 DIN	7 Meters
AFK616-2-9M-B	4.3/10	7/16 DIN	9 Meters
AFK616-2-10M-B	4.3/10	7/16 DIN	10 Meters
AFK616-2-12M-B	4.3/10	7/16 DIN	12 Meters
AFK616-2-15M-B	4.3/10	7/16 DIN	15 Meters
AFK616-2-20M-B	4.3/10	7/16 DIN	20 Meters
AFK587-1-3M-B	4.3/10	4.3/10	3 Meters
AFK587-1-5M-B	4.3/10	4.3/10	5 Meters
AFK587-1-7M-B	4.3/10	4.3/10	7 Meters
AFK587-1-9M-B	4.3/10	4.3/10	9 Meters
AFK587-1-10M-B	4.3/10	4.3/10	10 Meters
AFK587-1-12M-B	4.3/10	4.3/10	12 Meters
AFK587-1-15M-B	4.3/10	4.3/10	15 Meters
AFK587-1-20M-B	4.3/10	4.3/10	20 Meters

AISG RET Control Cables

The AISG control cables are used to feed data and power from the controller to the RET (remote electrical tilt) system components.

These cables are available in various lengths and are terminated with and female connectors which allow them to be linked together to meet required length.



Electrical Specifications:

- Protocol AISG 1.1 | AISG 2.0
- Voltage, maximum 300 V

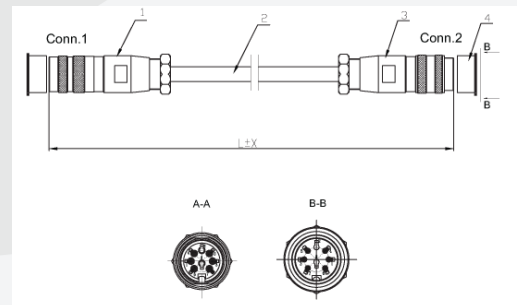
Mechanical Specifications:

- AISG Connector A 8-pin DIN Female
- AISG Connector A Body Style Straight
- AISG Connector A Standard IEC 60130-9
- AISG Connector B 8-pin DIN Male
- AISG Connector B Body Style Straight
- AISG Connector B Standard IEC 60130-9
- Data Conductor Type 0.20 mm² (24 AWG) twisted pair
- Power Conductor Type 0.82 mm² (18 AWG) stranded
- Total Conductors, quantity 6

Environmental Specifications:

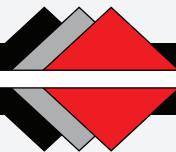
- Climatic Sequence Test Method IEC 60068-2-14
- Cold Exposure Test Method IEC 60068-2-1

- Damp Heat Exposure Test Method IEC 60068-2-30, Test Condition Db
- Heat Exposure Test Method IEC 60068-2-2
- Operating Temperature -40 °C to +70 °C (-40 °F to +158 °F)
- Rain Simulation Test Method IEC
- 60068-2-18, Test Condition Ra, Method 1
- Relative Humidity Up to 100%
- UV Resistance Test Method IEC
- 60068-2-5, Test Condition B
- Ingress Protection Test Method IEC 60529:2001, IP67



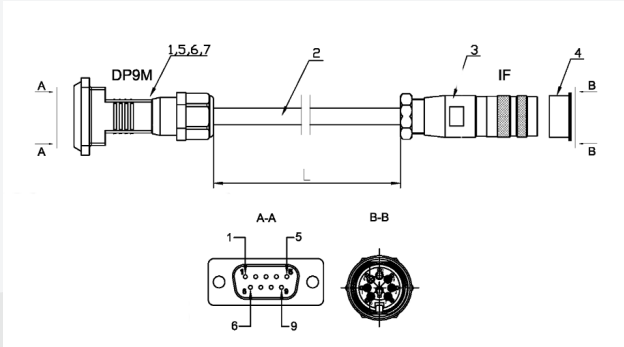
Click Part # to Purchase		AISG RET Control Cables	
Part #	Description		Length
RFX-AISG/MF-0.5M	AISG RET Control		0.5 Meters
RFX-AISG/MF-1M	AISG RET Control		1 Meters
RFX-AISG/MF-2M	AISG RET Control		2 Meters
RFX-AISG/MF-3M	AISG RET Control		3 Meters
RFX-AISG/MF-5M	AISG RET Control		5 Meters
RFX-AISG/MF-7M	AISG RET Control		7 Meters
RFX-AISG/MF-10M	AISG RET Control		10 Meters
RFX-AISG/MF-12M	AISG RET Control		12 Meters
RFX-AISG/MF-15M	AISG RET Control		15 Meters
RFX-AISG/MF-20M	AISG RET Control		20 Meters
RFX-AISG/MF-25M	AISG RET Control		25 Meters
RFX-V1-009M-Y-001F-001F	Y-Splitter AISG Cable, Input 8pin (M), Output Y-Split, 8pin (F)		1 Meter

** Additional lengths available as special order – Please consult with your Gap Wireless representative.



AISG RET Control Cables - Huawei Type

The Huawei specific AISG Cables use a special watertight DB9(male) connector, along with a standard 8 PIN round AISG connector which allows network operators to connect from the Huawei Radio controller to the RET (remote electrical tilt) system components or a standard AISG extension cable.



Click Part # to PurchaseAISG RET Control Cables - Huawei Type		
Part #	Description	Length
RFX-AISG-HW-MF-0.3M	AISG RET Control Cable, Huawei, DB9 (M) / 8-PIN (F)	0.3 Meters

Attenuators

Typical Specifications

- Connector Type: SMA Male - SMA Female
- Impedance: 50 Ω
- V.S.W.R: ≤ 1.20
- Attenuation: 3 ~ 30 dB
- Accuracy: ±0.5dB
- Temperature: -35°C- +85°C
- Radiator: Aluminum or Brass
- Annotation: Indoor Use



ATT-10-10-3S

Click Part # to PurchaseSMA Series RF Coaxial Attenuators		
Part #	Frequency	Power (W)
ATT-1-XX-3S	DC-3000MHz (DC-4000MHz)	1/2
ATT-2-XX-18S	DC-18000MHz	2
ATT-5-XX-3S	DC-3000MHz (DC-4000MHz)	5
ATT-10-XX-3S	DC-3000MHz (DC-4000MHz)	10
ATT-25-XX-3S	DC-3000MHz (DC-4000MHz)	25

*XX - State dB value when ordering. Available: 03, 06, 10, 20, 30 dB.

Attenuators

Typical Specifications

Connector Type: Type N Male - Type

N Female Impedance: 50 Ω

V.S.W.R: ≤ 1.20

Attenuation: 3 ~ 30 dB

Accuracy: ± 0.5 dB

Temperature: -35°C- +85°C

Radiator: Aluminum or Brass

Annotation: Indoor Use



ATT-50-03-N

Click Part # to Purchase		N Series RF Coaxial Attenuators	
Part #	Frequency	Power (W)	
ATT-2-XX-4N	DC-4000MHz	2	
ATT-10-XX-4N	DC-4000MHz	10	
ATT-25-XX-4N	DC-4000MHz	25	
ATT-50-03-N	DC-3000MHz	50	
ATT-100-XX-N	DC-3000MHz	100	
ATT-300-30-N (30 dB only)	DC-3000MHz	300	

Typical Specifications

Frequency: DC-3000MHz

Impedance: 50 Ω

V.S.W.R: ≤ 1.20

Attenuation: 3 ~ 30 dB

Accuracy: ± 0.5 dB

Temperature: -35°C- +85°C

Radiator: Aluminum

Annotation: Indoor Use



ATT-10-03-3S

Click Part # to Purchase		7/16(DIN) Series RF Coaxial Attenuators		
Part #	Frequency	Connector 1	Connector 2	Power (W)
ATT-5-XX-3D	DC-3000MHz	DIN Male	DIN Female	5
ATT-25-XX-3D	DC-3000MHz (DC-4000MHz)	DIN Male	DIN Female	25
ATT-50-XX-3D	DC-3000MHz (DC-4000MHz)	DIN Male	DIN Female	50
ATT-100-XX-3D	DC-3000MHz	DIN Female	DIN Female	100
ATT-2-XX-4MD	DC-3000MHz (DC-4000MHz)	4.3/10 DIN Male	4.3/10 DIN Female	2

*XX - State dB value when ordering. Available: 03, 06, 10, 20, 30 dB.



Terminations

Specifications

Frequency: DC-3000MHz

Impedance: 50 Ω

V.S.W.R: ≤ 1.15

Temperature: -35°C- +85°C

Inner Plating: Silver Plate

Body Plating: Black

Radiator: Aluminium, RoHS, IP65

Annotation: Indoor Use/Outdoor Use



Click Part # to Purchase		Terminations		
Power (W)	7/16 DIN		4.3/10 DIN	
	7/16 DIN Male	7/16 DIN Female	4.3/10 DIN Male	4.3/10 DIN Female
2	101-TN-2	102-TN-2	701-TN-2	702-TN-2
5	101-TN-5	102-TN-5	701-TN-5	
10	101-TN-10	102-TN-10	701-TN-10	
25	101-TN-25	102-TN-25		
50	101-TN-50	102-TN-50	701-TN-50	
100	101-TN-100	102-TN-100	701-TN-100	
2			701PP-TN-2	



Click Part # to Purchase		N Type Termination Load (Dummy Load)	
Power (W)	Male	Female	
2	121-TN-2	122-TN-2	
5	121-TN-5	122-TN-5	
10	121-TN-10	122-TN-10	
25	121-TN-25	122-TN-25	
50	121-TN-50	122-TN-50	
100	121-TN-100	122-TN-100	
150	121-TN-150	122-TN-150	
300	121-TN-300	122-TN-300	

Low PIM Test Grade Series Load Terminations

Features

- Very stable PIM over entire frequency range
- Test series for accurate PIM measurement
- Ruggedized and shock resistant for field use
- Suitable for DAS testing
- Dust caps for long life
- Supports lanyard attachment



Specifications

Frequency Range (MHz): 698 MHz – 2700 MHz RF

Impedance: 50 Ω

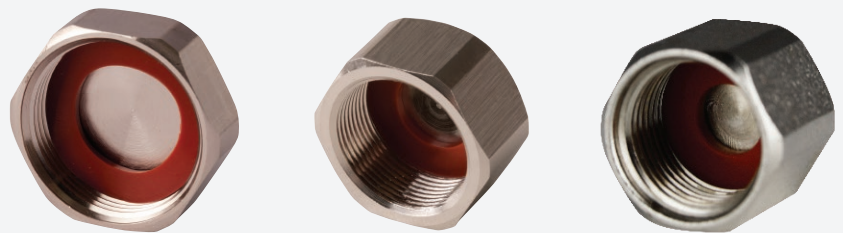
Return Loss: 20 dB min

Click Part # to Purchase	Low PIM Test Grade Series Load Terminations	
Part #	1012-LPTN-10TG	1012-LPTN-40TG
RF Power Rating	10 Watts	40 Watts
Dimensions	170 x 50 mm (7.48 x 2.36 in)	218 x 70 mm (7.48 x 2.36 in)
Weight	0.66 kg	1.42 kg
Passive Intermodulation	-160dBc (2 x 43dBm carriers)	-165dBc (2 x 43dBm carriers)

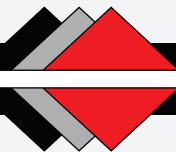
Dust Caps

General Specifications

- Corrosion Resistant Metal



Click Part # to Purchase	DIN Female Cap Kits	
Part #	Description	Quantity
101-DC-O	Dust Cap, 7/16-DIN Female End Cap with O-Ring	10
102-DC-O	Dust Cap, 7/16-DIN Male End Cap with O-Ring	10
501-DC-O	Dust Cap, Nex10 Male for use on Female, IP-67, O-Ring with Silicone Seal	10
701-DC-O	Dust Cap, 4.3/10 Male for use on Female, IP-67. O-Ring with Silicone Seal	10
121-DC-O	Dust Cap, N Male for N Jack Connector	10



Connectors (Ring Flare)

Typical Specifications

- Impedance: 50 Ω
- V.S.W.R: ≤ 1.10
- Inner plating: Silver plate
- Shell plating: Tri-Metal or Silver
- Temperature: -40°C- +85°C
- Durability: 500 Cycles



Click Part # to Purchase		Connectors		
Part #	Connector Type	Frequency	Match Cable	Waterproof
RFX-L4TDM	7/16-DIN Male	DC-7.5GHz	1/2" Standard Feeder	IP68
RFX-L4TNM	N Male	DC-11GHz	1/2" Standard Feeder	IP68
RFX-L4TNF	N Female	DC-11GHz	1/2" Standard Feeder	IP68
RFX-L4T43M	4.3/10 Male	DC-7.5GHz	1/2" Superflexible	IP65

RFOCS Warranty

All products are warranted to be free of defects in material and workmanship. The warranty is effective for two years commencing on the day of shipment. Gap Wireless (SELLER) obligations under this warranty are limited to repair or replacement any defective product. The SELLER makes no Expressed or Implied warranties. The SELLER disclaims all Implied Warranties of Merchantability, Fitness or Fitness for a particular application. Under no circumstances and in no event the SELLER be liable for personal injury or property damage or any other loss, damage cost or repairs, incidental, punitive, special, consequential or liquidated damage of any kind.



OUR CORE VALUES

1 Committed to Service Excellence

2 Solutions Driven

3 Passionate Contribution

4 Results Matter



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