

**1/4" SUPERFLEX CABLE**

FSJ1-50A .....

**1/4" SUPERFLEX CONNECTORS**

F1PNF .....Plated N Female .....  
 F1TBM-C .....BNC Male .....  
 F1TSM-HF .....SMA Male .....  
 F1TTM-C .....TNC Male .....  
 F1TDM-C .....DIN Male .....



F1PNF



F1PNM-HC

**1/2" SUPERFLEX CABLE**

FSJ4-50B .....

**1/2" SUPERFLEX CONNECTORS**

F4PNM-V2HC ...Plated N Male Hex Head .....  
 F4PNF-C .....Plated N Female .....  
 F4NR-HC .....N Male Right Angle .....



F4PNM-V2HC



F4PNF-C

**3/8" HELIAX FOAM CABLE**

LDF2-50.....

**3/8" CONNECTORS**

L2TNM-PL .....N Male .....



**1/2" HELIAX FOAM CABLE**

LDF4-50A .....

**1/2" PLENUM AIR DIELECTRIC HELIAX CABLE**

ICA12-50JPL .....

**1/2" CONNECTORS**

L4TNF-PSA .....N Female .....  
 L4TNM-PSA .....N Male .....  
 L4NR-PS .....N Male Right Angle .....  
 L4TDM-PSA .....DIN Male .....  
 NM-LCF12-C02-6 ...N Male for ICA12-50JPL .....



L4TNF-PS



L4TNM-PS

**3/8" SUPERFLEX CONNECTORS**

F2PNF-C .....N Female .....  
 F2TNM-PL .....N Male .....



L4.5PNF-RC



L4.5PNM-RC

**5/8" HELIAX FOAM CABLE**

LDF4.5-50 .....

**5/8" CONNECTORS**

L4.5PNM-RC .....Plated N Male .....

**7/8" VIRTUAL AIR HELIAX CABLE**

AVA5-50 .....

AVA5-50FX .....

**7/8" CONNECTORS**

AL5NM-PSA .....N Male .....  
 78EZN .....N Female for AVA5-50FX .....  
 78EZN .....N Male for AVA5-50FX .....  
 78EZF .....DIN Female for AVA5-50FX .....  
 78EZDM .....DIN Male for AVA5-50FX .....



AL5NF-PSA



AL5NM-PSA

**1-1/4" CONNECTORS**

114EZN .....N Female .....



**CUTTING TOOLS**

**MCPTL4**  
Cutting tool for 1/2" heliax

**MCPT78**  
Cutting tool for 7/8" heliax

**MCPT1412**  
Cutting tool for FSJ4 Superflex

**MCPT-BK4**  
Replacement blades for MCPTL4



**PREP TOOLS**

**CPT-L4ARC1**  
Drill Mounted Prep Tool For 1/2" Heliac

**CPT-F4B**  
Drill Mounted Prep Tool for FSJ4 Superflex

**CPT-12U**  
Drill Mounted Prep Tool For 1/2" Superflex

**CPT-78U**  
Drill Mounted Prep Tool For 7/8" Heliac

**A5FX-EZPT**  
Drill Mounted Prep Tool For AVA5-50FX

**78HPT**  
Manual Prep Tool For AVA5-50FX



**FLARE TOOLS**

**224363**  
Flare tool for 1/2" heliax



**CONNECTOR SPLICE WEATHERPROOFING KIT**

**221213**  
Connector Splice Weatherproofing Kit

**VAPOR WRAP BUTYL MASTIC TAPE**

**11316**  
3' x 50' Vapor Wrap Sealant



**3M LIQUID CONNECTOR SEALANT**

**SCOTCHKOTE**  
15oz Can w/Brush

**3M SCOTCHRAP**

**SCOTCHRAP**  
All-Weather Corrosion Protection Tape 1" x 100'



**HOISTING GRIPS**

**43094**  
Hoisting Grip for 1/2"

**L4SGRIP**  
Pre-Laced Hoisting Grip for 1/2"

**252108**  
Hoisting Grip for 5/8"

**19256B**  
Hoisting Grip for 7/8"

**L5SGRIP**  
Pre-Laced Hoisting Grip for 7/8"

**L7S-GRIP**  
Pre-Laced Hoisting Grip for 7/8"



**SUREGROUND™ GROUNDING KITS**

**SG12-12B2U**  
48" cable with 2 hole grounding lug - For 1/2"

**SG58-12B2U**  
24" cable with 2 hole grounding lug - For 5/8"

**SG78-12B2U**  
48" cable with 2 hole grounding lug - For 7/8"

**252172**  
60" cable with 2 hole grounding lug - For 1/4" to 1-5/8"



**GROUND RODS**

**GR588**  
8' Copper Clad Ground Rod - 5/8" Diameter



**GROUND WIRE**

**MT-585-T**  
2 AWG Solid Tinned Copper Ground Wire

**MT-586-BLK**  
6 AWG Stranded Copper Ground Wire - Black

**MT-586-G**  
6 AWG Stranded Copper Ground Wire - Green

**MT-586-RED**  
6 AWG Stranded Copper Ground Wire - Red



**GROUND LUGS**

**62-14-I**  
6 AWG Ground Lug w/Two 1/4" Holes



**SNAP-IN HANGERS**

**SSH-12**

Snap-In Hanger Kit for 1/2" - 10pk

**SSH-12-4**

Snap-In Hanger Kit for 1/2" - 10pk - Stackable

**SSH-78**

Snap-In Hanger Kit for 7/8" - 10pk

**SSH-78-4**

4-Stack Snap-In Hanger Kit for 7/8" - 10pk

**BCU78**

SSH-78 Snap-In Cushion for CAT 6 - 10pk

**SSH-38**

Snap-In Hanger Kit for 1-5/8" - 10pk

**SSH-158**

Snap-In Hanger Kit for 1-5/8" - 10pk

**HG-144-384-158**

SSH-158 Snap-In Cushion for CAT 5 - 10pk

**SSHAK-3812**

Stackable Hangers for LMR400 - 10pk



**SA-38**

Adapter Block For 3 Snap In Hangers

**294562**

Adapts Snap In Hangers To Round Members



**HANGER TOOL**

**SHT-4**

For installation & removal of snap-in hangers



**ANGLE ADAPTERS**

**31768A**

Adapts 1/2" to 4" Hangers to 7/8" Tower Members

**UA-3**

Angle Adapters For Snap-In Hangers (no insert)

**294571**

Angle Adapters For Snap-In Hangers (no insert)

**252130**

Angle Adapters For Std or Snap-In Hangers

**243684**

Compact Angle Adapters For Standard Hangers



**STANDARD HANGERS**

**43211A**

Standard Hanger for 1/2" - 10pk

**42396A-5**

Standard Hanger for 7/8" - 10pk

**31769-1**

3/8" x 1" Hardware Kit w/Washer & Nut - 10pk



**BUTTERFLY HANGERS**

**252119**

Butterfly Hanger for 1/2" to 1-1/4" - 10pk



**ROUND MEMBER ADAPTERS**

**31670-1**

Stainless Steel Clamps to mount cable hangers to 1"-2" round tower members.

**31670-2**

Stainless Steel Clamps to mount cable hangers to 2"-3" round tower members.

**31670-4**

Stainless Steel Clamps to mount cable hangers to 4"-5" round tower members.



**294561**

2" Standoff Adapter w/3/8" threaded hole



**STAINLESS STEEL WRAPLOCK BANDING**

**12395-1**

100' Complete with 50 fasteners and tool. Use to attach 1/4"-7/8" insulated hangers to round members. Not to be used to attach cable or waveguide directly to towers.

**MT-640**

100' 1/2" Wrap Lock

**MT-641**

100pcs 1/2" Wrap Lock Fasteners



**CABLE ENTRY**

**252134**

1 - 4" Entry Panel; 4" x 4" Wall Opening

**204673-2A**

2 - 4" Entry Panel; 9.5" x 15" Wall Opening

**204673-4**

4 - 4" Entry Panel; 4" x 20.5" Wall Opening

**252135**

1 - 4" Entry Panel; 7" x 7" Wall Opening

**252136**

4 - 4" Entry Panel; 9.5" x 11" Wall Opening

**252137**

6 - 4" Entry Panel; 9.5" x 15" Wall Opening

**294573**

4" Blank Boot, Cushion Not Included - See Below

**294680**

Blank 4" Cushion

**294682**

4" Cushion For Three 3/8" Cables

**294684**

4" Cushion For One 1/2" Cable

**294685**

4" Cushion For Two 1/2" Cables

**294687**

4" Cushion For Four 1/2" Cables

**294697**

4" Cushion For One 7/8" Cable

**294699**

4" Cushion For Three 7/8" Cables

**294700**

4" Cushion For Four 7/8" Cables

**252146-2**

4" Boot For Two 1/2" Cables

**252147**

4" Boot For Three 1/2" Cables

**252147-4**

4" Boot For Four 1/2" Cables

**252150**

4" Boot For One 7/8" Cable

**252150-2**

4" Boot For Two 7/8" Cables

**252151**

4" Boot For Three 7/8" Cables

**252151-4**

4" Boot For Four 7/8" Cables

**48939A-17**

5" Boot & Cushion Assembly For Four 1/2" Cables

**CAP-4**

4" Port Sealing Cap

**PLUG12**

1/2" Hole Plugs



**GROUNDING BUSS BARS**

**UGBKIT-2**

Bare Copper Ground Buss Bar 1/4" x 2-1/2" x 12-1/2"

**UGBKIT-0210**

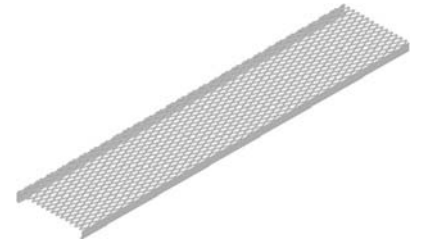
Bare Copper Ground Buss Bar 1/4" x 2" x 10"

**UGBKIT-0214**

Bare Copper Ground Buss Bar 1/4" x 2" x 14"

**UGBKIT-0412**

Bare Copper Ground Buss Bar 1/4" x 4" x 12"



**WAVEGUIDE BRIDGE**

**WB-CY110**

Safety Grated Waveguide Bridge Channel 10" x 12"

**ROOF PAD**

**MT-F1637**

18" x 48" 1/2" thick roof pad



**ANTENNA MOUNT**

**MKPS-1**

Mounts Kathrein-Scala Directional Yagi Antennas To 2.375" O.D. Mast



**TOWER STAND-OFF**

**S200**

24" Tower Stand-Off w/24" x 1-7/8" Mount Pipe

**S300**

36" Tower Stand-Off w/24" x 1-7/8" Mount Pipe