### 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

### 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

### 3/8" HELIAJX FOAM CABLE
- LDF2-50

### 3/8" CONNECTORS
- L2TNM-PL ………N Male

### 1/2" HELIAJX FOAM CABLE
- LDF4-50A

### 1/2" PLENUM AIR DIELECTRIC HELIAJX 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

### 3/8" SUPERFLEX CONNECTORS
- F2PNF-C ………………N Female
- F2TNM-PL ………N Male

### 5/8" HELIAJX FOAM CABLE
- LDF4.5-50

### 5/8" CONNECTORS
- L4.5PNM-RC ……………Plated N Male

### 7/8" VIRTUAL AIR HELIAJX CABLE
- AVA5-50
- AVAS-50FX

### 7/8" CONNECTORS
- AL5NM-PSA ……………N Male
- 78EZNF …………………N Female for AVA5-50FX
- 78EZNM …………………N Male for AVA5-50FX
- 78EZDF …………………DIN Female for AVA5-50FX
- 78EZDM …………………DIN Male for AVA5-50FX

### 1-1/4" CONNECTORS
- 114EZNF ………………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


**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'


**Prep Tools**

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

- **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" Heliax

- **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


**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

**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

**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

**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

**HANGER TOOL**

- **SHT-4**
  For installation & removal of snap-in hangers

**BUTTERFLY HANGERS**

- **252119**
  Butterfly Hanger for 1/2” to 1-1/4” - 10pk
### CABLE ENTRY

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Dimensions</th>
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<tbody>
<tr>
<td>252134</td>
<td>1 - 4&quot; Entry Panel; 4&quot; x 4&quot; Wall Opening</td>
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<tr>
<td>204673-2A</td>
<td>2 - 4&quot; Entry Panel; 9.5&quot; x 15&quot; Wall Opening</td>
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<td>204673-4</td>
<td>4 - 4&quot; Entry Panel; 4&quot; x 20.5&quot; Wall Opening</td>
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<td>294573</td>
<td>4&quot; Blank Boot, Cushion Not Included - See Below</td>
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<tr>
<td>294680</td>
<td>Blank 4&quot; Cushion</td>
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<tr>
<td>294682</td>
<td>4&quot; Cushion For Three 3/8&quot; Cables</td>
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<td>294684</td>
<td>4&quot; Cushion For One 1/2&quot; Cable</td>
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<td>4&quot; Cushion For Two 1/2&quot; Cables</td>
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<td>4&quot; Boot For Two 1/2&quot; Cables</td>
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<td>48939A-17</td>
<td>5&quot; Boot &amp; Cushion Assembly For Four 1/2&quot; Cables</td>
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<td>CAP-4</td>
<td>4&quot; Port Sealing Cap</td>
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<td>PLUG12</td>
<td>1/2&quot; Hole Plugs</td>
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### ROOF PAD

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<tr>
<td>WB-CY110</td>
<td>Safety Grated Waveguide Bridge Channel</td>
<td>10' x 12&quot;</td>
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### WAVEGUIDE BRIDGE

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<tr>
<th>Part Number</th>
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<tbody>
<tr>
<td>MT-F1637</td>
<td>18&quot; x 48&quot; 1/2&quot; thick roof pad</td>
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### GROUNDING BUSS BARS

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<th>Part Number</th>
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<tr>
<td>UGBKIT-2</td>
<td>Bare Copper Ground Bar 1/4&quot; x 2-1/2&quot; x 12-1/2&quot;</td>
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<tr>
<td>UGBKIT-0210</td>
<td>Bare Copper Ground Buss Bar 1/4&quot; x 2&quot; x 10&quot;</td>
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<td>UGBKIT-0214</td>
<td>Bare Copper Ground Buss Bar 1/4&quot; x 2&quot; x 14&quot;</td>
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<td>UGBKIT-0412</td>
<td>Bare Copper Ground Buss Bar 1/4&quot; x 4&quot; x 12&quot;</td>
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### ANTENNA MOUNT

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<tr>
<td>MKPS-1</td>
<td>Mounts Kathrein-Scala Directional Yagi Antennas To 2.375&quot; O.D. Mast</td>
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### TOWER STAND-OFF

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<th>Part Number</th>
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<tbody>
<tr>
<td>S200</td>
<td>24&quot; Tower Stand-Off w/24&quot; x 1-7/8&quot; Mount Pipe</td>
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<tr>
<td>S300</td>
<td>36&quot; Tower Stand-Off w/24&quot; x 1-7/8&quot; Mount Pipe</td>
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