WIRE & CABLE PREPARATION TOOLS

- ELECTRICAL
- ELECTRONICS
- FIBER OPTIC
- TELECOMMUNICATIONS
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EXAMPLES OF TYPICAL GLASS FIBER-OPTIC CABLE CONSTRUCTIONS

- 125µm Equivalent to 0.005 in.
- 900µm BUFFER JACKET, often referred to as “TIGHT BUFFER”.
- LOOSE TUBE, often referred to as “BUFFER TUBE”.
- 250 µm UV-CURED BUFFER/COATING, often referred to as “BARE FIBER”.

**Simplex**

- **Outer Jacket**: Aramid Yarn, Kevlar®
- **900µm Buffer Jacket**
- **250µm UV-Cured Buffer/Coating**
- **125µm Cladding & Core**

**Distribution**

- **Outer Jacket**: Aramid Yarn, Kevlar®
- **900µm Buffer Jacket**
- **250µm UV-Cured Buffer/Coating**
- **125µm Cladding & Core**

**Indoor/Outdoor Loose Tube**

- **Outer Jacket**: Aramid Yarn, Kevlar®
- **Loose/Buffer tube**
  - common sizes: 2.0/2.5/3.0MM
- **250µm UV-Cured Buffer/Coating**
- **125µm Cladding & Core**
### COMPARATIVE FIBER OPTIC TOOL SELECTION CHARTS

<table>
<thead>
<tr>
<th>Diameter of Remaining Fiber or Buffer Coating</th>
<th>Miller FO-103 Tool</th>
<th>Miller CFS Tool</th>
<th>FO-CF Tool</th>
<th>FO-SnC Tool</th>
</tr>
</thead>
<tbody>
<tr>
<td>80 to 100 micron</td>
<td>FO 103-S-100 (80355-1)</td>
<td>FO 103-D-250 (80675)</td>
<td>CFS-2 (46107-M)</td>
<td>FO-CF (81400)</td>
</tr>
<tr>
<td></td>
<td>FO 103-D-J (80676)</td>
<td>FO-103-T-250-J (80677)</td>
<td>FO-CF (81400)</td>
<td>FO-SnC (81430)</td>
</tr>
<tr>
<td>125 micron (from 250 micron buffer)</td>
<td>FO 103-S (80355)</td>
<td>FO 103-D-250 (80675)</td>
<td>CFS-2 (46107-M)</td>
<td>FO-CF (81400)</td>
</tr>
<tr>
<td></td>
<td>FO 103-D-J (80676)</td>
<td>FO-103-T-250-J (80677)</td>
<td>FO-CF (81400)</td>
<td>FO-SnC (81430)</td>
</tr>
<tr>
<td></td>
<td>FO-103-D-250 (80675)</td>
<td>FO-103-T-250-J (80677)</td>
<td>FO-CF (81400)</td>
<td>FO-SnC (81430)</td>
</tr>
<tr>
<td>250 micron</td>
<td>FO 103-T-250-400 (80740)</td>
<td>FO 103_S-525 (80355-9)</td>
<td>FO-CF (81400)</td>
<td>FO-SnC (81430)</td>
</tr>
<tr>
<td></td>
<td>FO 103-T-250-J (80677)</td>
<td>FO-CF (81400)</td>
<td>FO-SnC (81430)</td>
<td></td>
</tr>
<tr>
<td>400 micron</td>
<td>FO 103-D-250 (80675)</td>
<td>FO 103-T-250-J (80677)</td>
<td>FO-CF (81400)</td>
<td>FO-SnC (81430)</td>
</tr>
<tr>
<td></td>
<td>FO 103-D-250 (80675)</td>
<td>FO 103-T-250-J (80677)</td>
<td>FO-CF (81400)</td>
<td>FO-SnC (81430)</td>
</tr>
<tr>
<td>125 micron (from 900 micron buffer)</td>
<td>FO 103-D-250 (80675)</td>
<td>FO 103-T-250-J (80677)</td>
<td>CFS-2-900 (81281)</td>
<td>FO-CF (81400)</td>
</tr>
</tbody>
</table>

**CHOOSE FROM THE BELOW TOOLS TO ACCESS FIBERS IN LOOSE / BUFFER TUBES**

- MSAT
- MSAT 5
- MSAT - Micro
- 400 Series
- BrightPath EMS 6.6/4.0
- FDS-2-3mm
- FTS
- FTS-035

Part numbers will vary depending on the outside diameter of the buffer tube. Consult the individual catalog pages for more information.
FO-CF
Fiber Optic-Center Feed Stripper

• New fiber stripper with center feed design allows for longitudinal fiber stripping
• The fiber is fully supported in the stripping process of 900 micron buffer coating to 250 micron and standard 250 micron coating to 125 micron stripping
• Side mounted stripper blades provide convenient stripping of 1.6 mm to 3 mm cable jackets
• Measurement scale in inches/mm built into the tool jaw and body up to 2 3/4 in. (70 mm) for ease of proper cable preparation
• Compact, lightweight and ergonomically designed for ease of use
• All cutting surfaces are precision formed, hardened, tempered and ground assuring precise cable jacket, buffer and acrylate removal with no scratching or nicking of the fiber
• Tool is factory set and requires no adjustment
• Removable cleaning brush is conveniently attached to the stripper for periodic cleaning of stripping jaws
• FO-CF Brush Part No.: 81410
• Tool supplied with its own individual protective polymer tool case for clean and safe storage
• Patent Pending
• Made in the U.S.A.
• Dimensions: 1.17 x 2.19 x 4.08 in. (29.7 x 55.6 x 103.6 mm)
• Weight: 2.8 oz (79 g)
• Part No.: 81400
FO 103-S
Fiber Optic Stripper Line

• For stripping 250 micron buffer coating from 125 micron optical fiber
• Precision diameter hole & V-opening in blade allow for accurate buffer coating removal
• Pivot pin, spring and precision handles enhance tool functionality and durability
• Factory set, requires no adjustment
• Prevents scratching or nicking of optical fiber
• All cutting surfaces are precision formed, hardened, tempered and ground assuring precise buffer removal
• Made in the U.S.A.
• Length: 5.375 in (136.53 mm)
• Weight: 2.5 oz (71 g)

FO 103-S – Custom Applications
• The same quality FO 103-S construction is available in a variety of stripping fiber diameters
• Some models in the table below may be subject to a minimum order
• Contact Customer Service for any applications listed in the table below


<table>
<thead>
<tr>
<th>Part No.</th>
<th>Model</th>
<th>Minimum Stripping Blade Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>80355</td>
<td>FO 103-S</td>
<td>125 µm</td>
</tr>
<tr>
<td>80355-1</td>
<td>FO 103-S-100</td>
<td>80-100 µm</td>
</tr>
<tr>
<td>80355-15</td>
<td>FO 103-S-140</td>
<td>140 µm</td>
</tr>
<tr>
<td>80355-2*</td>
<td>FO 103-S-150</td>
<td>150 µm</td>
</tr>
<tr>
<td>80355-3</td>
<td>FO 103-S-162</td>
<td>162 µm</td>
</tr>
<tr>
<td>80355-4*</td>
<td>FO 103-S-175</td>
<td>175 µm</td>
</tr>
<tr>
<td>80355-5</td>
<td>FO 103-S-187.5</td>
<td>187.5 µm</td>
</tr>
<tr>
<td>80355-10*</td>
<td>FO 103-S-200</td>
<td>200 µm</td>
</tr>
<tr>
<td>80355-12</td>
<td>FO 103-S-225</td>
<td>225 µm</td>
</tr>
<tr>
<td>80355-6*</td>
<td>FO 103-S-250</td>
<td>250 µm</td>
</tr>
<tr>
<td>80355-7</td>
<td>FO 103-S-280</td>
<td>275-280 µm</td>
</tr>
<tr>
<td>80355-8*</td>
<td>FO 103-S-300</td>
<td>300 µm</td>
</tr>
<tr>
<td>80355-16</td>
<td>FO 103-S-400</td>
<td>400 µm</td>
</tr>
<tr>
<td>80355-9</td>
<td>FO 103-S-525</td>
<td>525 µm</td>
</tr>
<tr>
<td>80355-17</td>
<td>FO 103-S-880</td>
<td>880 µm</td>
</tr>
<tr>
<td>80355-18</td>
<td>FO-103-S-1140</td>
<td>1140 µm</td>
</tr>
</tbody>
</table>

*Item replaces No-Nik Fiber Optic Strippers. See table below for previous model/part numbers.

NEW Tool Model Number  NEW Tool Part Number  Old Tool Model Number  Old Tool Handle Color  Old Tool Part Number
FO103-S-150  80355-2  NN152*  GOLD  46231*
FO103-S-007  80355-4  NN175*  MUSTARD  46235*
FO103-S-200  80355-10  NN203  RED  46241
FO103-S-250  80355-6  NN254  LT BLUE  46249
FO103-S-300  80355-8  NN305*  WHITE  46255*

All other Old Part Numbers are While Supplies Last
All new items ONLY come with Yellow handles.
**FO 103-D-J, FO 103-D-250**

“Dual-Hole” Fiber Optic Strippers

- Dual hole models offer the same quality as our standard FO 103-S fiber tool coupled with a second hole
- **FO 103-D-J**: Second hole for stripping 2-3 mm fiber jackets and standard 125 micron fiber stripping (250 micron removal to 125 micron)
- **FO 103-D-250**: Second hole for stripping 900 micron tight buffer down to 250 micron buffer coating and standard 125 micron fiber stripping (250 micron removal to 125 micron) – allows longer stripping lengths without damaging the fiber
- Easy-to-read stripping diagrams imprinted on handles
- Made in the U.S.A.
- Length: 5.375 in. (137 mm)
- Weight: 2.5 oz (71 g)
- FO 103-D-J Part No.: 80676
- FO 103-D-250 Part No.: 80675

**FO 103-T-250-J**

“Tri-Hole” Fiber Optic Stripper

- Three-hole model performs all common fiber stripping functions in one compact tool,...
- Hole for removal of 2 to 3 mm fiber jackets
- Remove 900 tight buffer to 250 micron buffer coating
- Standard 250 to 125 micron stripping
- Same consistent quality and features found in our standard FO 103-S tool
- Also available: **FO 103-T-400-250** Fiber Optic Stripper for 400 micron coated PM Fiber (Part No.: 80740)
- Made in the U.S.A.
- Length: 5.375 in. (137 mm)
- Weight: 2.5 oz (71 g)
- Part No.: 80677
<table>
<thead>
<tr>
<th>NEW Tool Model Number</th>
<th>NEW Tool Part Number</th>
<th>Old Tool Model Number</th>
<th>Old Tool Handle Number</th>
<th>Old Tool Part Number</th>
<th>Minimum Stripping Microns</th>
<th>Minimum Stripping In.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FO1-3-S-150</td>
<td>80355-2</td>
<td>NN152*</td>
<td>Gold</td>
<td>46231*</td>
<td>152 µm</td>
<td>.006 in.</td>
</tr>
<tr>
<td>FO1-3-S-007</td>
<td>80355-4</td>
<td>NN175*</td>
<td>Mustard</td>
<td>46235*</td>
<td>175 µm</td>
<td>.007 in.</td>
</tr>
<tr>
<td>FO1-3-S-200</td>
<td>80355-10</td>
<td>NN203</td>
<td>Red</td>
<td>46241</td>
<td>203 µm</td>
<td>.008 in.</td>
</tr>
<tr>
<td>FO1-3-S-250</td>
<td>80355-6</td>
<td>NN254</td>
<td>Lt. Blue</td>
<td>46249</td>
<td>254 µm</td>
<td>.010 in.</td>
</tr>
<tr>
<td>FO1-3-S-300</td>
<td>80355-8</td>
<td>NN305*</td>
<td>White</td>
<td>46255*</td>
<td>305 µm</td>
<td>.012 in.</td>
</tr>
</tbody>
</table>

* Out of Stock - must order new Part Number
All other Old Part Numbers are While Supplies Last
All new items ONLY come with Yellow handles.
CFS-2 / CFS-2 900
Fiber Optic Stripper

- CFS-2 for stripping 250 micron buffer coating to expose 125 micron cladded fiber
- CFS-2 900 strips 900 and 250 micron buffer coating down to 125 micron cladded fiber with only ONE-STEP STRIPPING PREPARATION
  - Second hole for stripping 2-3 mm fiber jackets
  - Pre-set at the factory—no adjustments needed
  - Will not scratch or nick glass fiber
  - All stripping surfaces are manufactured to precise tolerances to assure clean, smooth strips
- Comfort-grip, ergonomic handles
- Lock to hold tool closed when it is not in use
- Length: 6.5 in (165 mm)
- Weight: 4.2 oz (119 g)
- CFS-2 Part No.: 46107-M
- CFS-2 900 Part No.: 81281
- Made in China

OPTISTRIP®
Fiber Optic Stripper

- Removes secondary coatings from optical cable and other small cables up to 3.0 mm (0.12 inches O.D.)
- Equally effective on loose tube or tight fit fiber
- Damage to cladding prevented by inserting guide bushings which ensure precise location of the fiber throughout the stripping operation
- Simple setup for operation: fit a pair of guide bushings for selected lead diameter and adjust blade depth
- Supplied with storage case and guide bushings (0.5, 1.0, 1.5, 2.0, 2.5, 3.0 mm)
- Stripping Capacity
  - Fiber optic tubes up to 3.0 mm (0.12 inches O.D.)
  - P.T.F.E. coated wires 0.5 to 3.0 mm (0.02 to 0.12 inches) O.D.
- Replacement Blades (pair): Part No.: 39436
- Replacement set guide bushings: Part No.: 39437
- Weight: 20 g (1 oz)
- Dimensions: 108 x 29 x 13 mm (4.3 x 1.1 x 0.5 inches)
- Part No.: 39435
- Made in China
FO-R12
Fiber Ribbon Access Tool
• Removes outer jackets from 12 count fiber ribbons
• Factory set, requires no adjustment
• Prevents scratching or nicking of optical fibers
• All cutting surfaces are precision formed, hardened, tempered and ground
• Tools for other fiber counts available upon request
• Made in the U.S.A.
• Length: 5.375 in (136.53 mm) • Weight: 2.5 oz (71 g)
• Part No.: 80745

IET
Insertion–Extraction Tool
• Easily inserts and extracts fiber optic connectors in high density patch panels
• Works with LC and SC simplex and duplex connectors as well as MU, MT-RJ and other similar types
• Tool tip design insures positive gripping without slipping
• Spring loaded tool action and ergonomic grips allow easy, comfortable and precise left or right hand operation
• Dimensions: 8.75 in. x 2.75 in. x .75 in. (222.86 mm x 70 mm x 19.1 mm)
• Weight: 3.49 oz (99 g)
• Part No.: 80860
SnC Strip n’ Cut
Fiber Optic Strip and Cut

• New all-in-one unique tool design combines jacket stripping, optical fiber stripping and cutting of Kevlar® strength members in one compact tool body
• Three hole fiber stripper allows jacket removal from 1.6 to 3.0 mm cables. Two additional holes for stripping 900 micron tight buffer to 250 micron buffer coating and standard 125 micron fiber stripping (250 micron removal to 125 micron)
• Fiber stripper and Kevlar cutter slides out of the protective tool body when in use and slides back inside when not in use by activating the sliding tab located on each side of the tool
• The fiber stripper and the Kevlar cutter are conveniently stored inside the tool body when not in use, for extra safety and tool life protection
• Easy to read fiber stripping diagrams are molded into the tool body
• Tool body has a handy molded-in loop for attaching/hanging purposes
• All cutting surfaces are precision formed, hardened, tempered and ground assuring precise tool performance
• Factory set, requires no adjustment
• Made in the U.S.A.
• Patent Pending
• Dimensions: 3.75 x 1.25 x .70 in. (95 x 32 x 18 mm)
• Weight: 3 oz (85 g)
• Part No.: 81430

FOJST
Fiber Optic Jacket Slitting Tool

• Compact and easy to use ONE-STEP jacket slitter for PVC jacketed fiber cables
• Provides two jacket slits 180 degrees apart with nick free jacket slitting required for cable preparation on certain fiber connectors
• Blade cassettes have blade indicator marks providing the exact location of the blade for an accurate cable preparation length
• Model FOJST 2/3 mm (Part No.: 81210) and Model FOJST 1.6/2.4 mm (Part No.: 81216) have blade cassettes with two slitting channels to accommodate the various jacket sizes.
• Model FOJST 1.6/2.4 mm (Part No.: 81215) is also available
• Factory set non-adjustable blade cassette for repeatable and exact cable preparation each and every time
• Made in the U.S.A.
• Dimensions: 2.875 x .875 x 2.125 in (73.03 x 22.23 x 53.98 mm)
• Weight: .94 oz (26.7 g)
• Part No.: 81210
STR
Steel Tape Remover
- Easily opens/separates the steel tape armor on fiber optic cable
- Unique counter rotation mechanism opens steel tape armor in 2 1/2 – 3 1/2 turns allowing for cutting of the armor
- Accommodates steel tape armor from 1–2 mm OD
- Neodymium rare earth magnet holds tool halves together making operation easy
- Tool totally heat treated for long life
- Screw clamps are high-strength alloy steel
- 1.5 in. (38.1 mm) outside diameter fits comfortably in your hand
- Dimensions: Diameter 1.5 in. x .82 in. (38.5 mm x 20.7 mm)
- Weight: 9.0 oz (258 g)
- Part No.: 81161
- Made in China

BrightPath EMS 6.6/4.0
CommScope® Mid-Span Entry Tool
- Especially designed to mid-span access CommScope® BrightPath Self Support Figure 8 Outdoor Fiber Drop Cable
- Tool has two precise shaving channels, one to remove the outer MPDE jacket and one to access the 4 mm buffer tube fibers
- Fixed control of blade cutting depth and angle protects fibers from damage
- Cable is easily inserted and removed by opening and closing spring loaded tool halves with a convenient and quick turning thumb screw
- Replacement Blade for jacket and 4 mm buffer tube is Part No. 37048 (CB229)
- Length: 3.75 in. (95 mm)
- Weight: 6.8 oz (193 g)
- Part No.: 42555
- Made in the U.S.A.
Armored Cable Slitter

- Professional grade tool ideal for slitting the corrugated copper, steel or aluminum armor layer on Fiber Feeder, Central Tube, Stranded Loose Tube fiber optic cables and other armored cables
- Versatile design allows jacket or shield slitting on non-fiber optic cables as well
- Tool slits outer polyethylene jacket and armor in one operation
  - Performs longitudinal slitting and circumferential (ringing) for end stripping
  - Blade rotates 90 degrees by activating blade lever, allowing easy mid-span preparation (ringing and slitting)
- ACS is adjustable from 0.315 in. (8 mm) to 1.125 in. (28.6 mm) cable O.D.
- ACS 2 is adjustable from 0.157 in. (4 mm) to .393 in. (10 mm) for smaller cable O.D. options
- Adjustable blade depth to 5.5 mm maximum to accommodate different cable jackets
- Cable guide wheel provides cable stability and allows for easier tool movement along the cable
- Rugged anodized aluminum and steel construction
- Red cable guide wheel (Part No.: 37896) for smaller O.D. cables 0.157 (4 mm) to .393 in. (10 mm) can be ordered separately
- ACS Part No.: 37880 • ACS-2 Part No.: 37897
- ACS-K (Part No.: 37899) includes ACS-2 tool (Part No.: 37897) plus one red cable guide wheel (Part No.: 37896) for smaller O.D. cables and bearing.
- Made in the U.S.A.
- U.S. Patent Nos.: D505, 056S
- Replacement blade: Part No.: 37884 (CB 251-K)
- Height: 5 in (127 mm)
- Weight: 10 oz (284 g)
Fiber Drop Stripper

- Designed for stripping Flat Drop Fiber Cable used in FTTH “Fiber to the Home” applications
- ONE STEP stripping action that removes the jacket in two locations top and bottom to expose the dielectric strength members while allowing the quick removal of the jacket
- Tool is small and has a lightweight polymer body for ease of use
- Easily strips Flat Drop lengths of 2-15 feet plus
- ONE TOOL ONLY - FDS will strip Flat Drop Fiber Cable on the cables listed in the table below. (Please call Customer Service for other cable manufacturers) U.S.: 860-635-2200 U.K.: 44-1384-400070
- Made in the U.S.A.
- Replacement Blade Part No.: 37048 (CB229)
- Length: 3.75 in (95mm) • Weight: 6.8oz (193g)
- Part No.: 42670

<table>
<thead>
<tr>
<th>Drop Cable Manufacturer</th>
<th>Stripping Channel</th>
</tr>
</thead>
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<tr>
<td>CommScope®</td>
<td>A</td>
</tr>
<tr>
<td>Corning</td>
<td>A</td>
</tr>
<tr>
<td>Draka/Comteq</td>
<td>A</td>
</tr>
<tr>
<td>OFS</td>
<td>A</td>
</tr>
<tr>
<td>Berk-Tek</td>
<td>B</td>
</tr>
<tr>
<td>Prysmian</td>
<td>B</td>
</tr>
<tr>
<td>Sumitomo</td>
<td>B</td>
</tr>
<tr>
<td>Superior Essex</td>
<td>B</td>
</tr>
</tbody>
</table>

FDS-2-3MM Fiber Drop Stripper & Buffer Tube Slitter

- Multi-purpose tool designed for stripping Flat Drop Fiber jacket and accessing 2 mm and 3 mm buffer tubes on (FTTH) “Fiber to the Home” applications
- Three individual stripping channels in one compact tool body for jacket removal and 2 mm and 3 mm buffer tube slitting
- Lightweight polymer body
- T-bar handle grip design for extra ease of jacket stripping
- Tool can be used with Flat Drop Fiber manufacturers listed in the table below. (Please call Customer Service for other cable manufacturers) U.S.: 860-635-2200 U.K.: 44-1384-400070
- Made in the U.S.A.
- Jacket Replacement Blade Part No.: 37048 (CB229)
- Buffer Tube Replacement Blade Part No.: 1 set 80794 (two blades) with 1/16 in. Allen Wrench
- (Note: 2 each CB229 (P/N37048) and two sets of 80794 required to replace all the blades on the FDS-2-3MM)
- Length: 3.75 in. (95mm) • Weight: 6.8oz (193g)
- Part No.: 42770

<table>
<thead>
<tr>
<th>Drop Cable Manufacturer</th>
<th>Stripping Channel</th>
</tr>
</thead>
<tbody>
<tr>
<td>CommScope®</td>
<td>A</td>
</tr>
<tr>
<td>Corning</td>
<td>A</td>
</tr>
<tr>
<td>Draka/Comteq</td>
<td>A</td>
</tr>
<tr>
<td>OFS</td>
<td>A</td>
</tr>
</tbody>
</table>
**MSAT**

**Mid-Span Access Tool**

- Quickly and easily access fibers in 2, 2.5 and 3 mm buffer tubes in a mid-span location without fiber damage.
- All blades precisely factory mounted in tube slitting channels with no adjustment required by the installer.
- Tool design incorporates buffer tube size gages on the tool body for ease of selecting proper tube slitting channel.
- Convenient spring loaded lever opens and closes the tool and lever becomes flush with the top of the tool body when closed.
- For use with the following diameter buffer tubes:
  - 2.0 mm: 1.9-2.1 mm (0.071 in.- 0.086 in.)
  - 2.5 mm: 2.4-2.6 mm (0.090 in.-0.110 in.)
  - 3.0 mm: 2.9-3.1 mm (0.110 in.- 0.126 in.)
- Made in the U.S.A.
- Replacement Blade: Part No.: 80794 includes 1 blade set (2 each) and 1/16 in. Allen wrench.
- Same blade part No. for all three tool channels.
- Length: 2.5 in. (63.5 mm)
- Weight: 8 oz (226.7 g)
- Part No.: 80785

**MSAT 5**

**Mid-Span Access Tool**

- Allows easy mid-span access to optical fibers in loose buffer tubes.
- Access tube sizes from 1.9 mm to 3.0 mm.
- Shaves precise opening to prevent fiber damage.
- Sizing channels to easily determine tube size.
- Locking mechanism ensures tool will remain closed through the entire shaving operation.
- Replacement Blade: Part No.: 80935 (5 blades – 2 screws)
- Made in the U.S.A.
- Dimensions: 3.9 x 1.5 x 0.7 in. (99 x 38 x 18 mm)
- Weight: 1.36 oz (38.5 g)
- Part No.: 80930
MSAT Micro
Mid-Span Access Tool - Interchangeable Inserts

- Compact and user friendly tool provides quick and easy mid-span access to smaller buffer tubes without fiber damage
- Tool design will accommodate a range of interchangeable inserts from 1.2 mm up to and including 1.8 mm (contact Customer Service for additional sizes)
- Accesses the fiber by precision “shaving” of the buffer tube wall
- Consistent and reliable buffer tube access without any adjustment to tool insert or blade
- Double-sided blade for twice the blade life
- Locking lever mechanism provides constant pressure to the two body halves ensuring a precise and consistent shaving operation
- Tool body available as Part No.: 81460 (without insert). See below for selection of insert sizes.
- Patent Pending
- Made in the U.S.A.
- Replacement Blade Part No.: 81472 (includes 1 double sided blade, 1 screw and 1/16 in. hex wrench)
- Dimensions: 2.88 x 1.63 x 1.50 in. (73 x 41 x 38 mm)
- Weight: 6.6 oz (187 g)
- Tool Inserts and Part No.:
  - 1.2 mm-81512
  - 1.3 mm-81513
  - 1.4 mm-81514
  - 1.5 mm-81515
  - 1.6 mm-81516
  - 1.7 mm-81517
  - 1.8 mm-81518
- Insert dimensions: 1.77 x 0.472 in. (45 x 12 mm)
- Insert weight: 0.9 oz (26 g)
FTS Fiber Tube Scorer
- Precise one-step buffer tube scorer
- Unique design easily scores buffer tube sizes from 1.6 mm to 6.0 mm, eliminating multiple tools
- Factory fixed hardened carbon steel blade requires no blade adjustment
- Body made of strong resilient yellow acetal polymer
- Made in the U.S.A.
- Dimensions: 3.75 x .625 in. (95.53 mm x 15.92 mm)
- Weight: 1 oz (28 g)
- Part No.: 80980

FTS-035 Fiber Tube Scorer
- Precise one-step buffer tube scorer
- Unique design easily scores buffer tube sizes from 1.6 mm to 6.0 mm
- Designed for thicker wall tubes from .030 in. (.76 mm) to approximately .050 in. (1.27 mm)
- Factory fixed hardened carbon steel blade requires no blade adjustment
- Body made of strong resilient BLUE acetal polymer
- Made in the U.S.A.
- Dimensions: 3.75 x .625 in. (95.53 mm x 15.92 mm)
- Weight: 1 oz (28 g)
- Part No.: 80985
400-Series
Fiber Buffer Tube and Drop Cable Slitter

- For mid-span and end slitting of fiber buffer tubes and fiber drop cable
- Different models available matched to the size of buffer tube or drop cable to be prepared
- Dual blade design
- Self closing for safety
- Latch locks tool closed
- Comfortable soft plastic grips
- Made in the U.S.A.
- Replacement Blade Part No.: 80235 (two blades per package)
- Length: 6.5 in. (165 mm)
- Weight: 9.0 oz (255 g)

<table>
<thead>
<tr>
<th>Model</th>
<th>Part No.</th>
<th>Tube Size (mm OD)</th>
<th>Tube Size (inch OD)</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>400 - 1.8 mm</td>
<td>80950</td>
<td>1.6 - 1.8</td>
<td>0.063 - 0.071</td>
<td>Copper</td>
</tr>
<tr>
<td>400 - 2.2 mm</td>
<td>80951</td>
<td>2.0 - 2.2</td>
<td>0.079 - 0.087</td>
<td>Red</td>
</tr>
<tr>
<td>400 - 2.5 mm</td>
<td>80952</td>
<td>2.3 - 2.5</td>
<td>0.091 - 0.098</td>
<td>Blue</td>
</tr>
<tr>
<td>400 - 3.0 mm</td>
<td>80953</td>
<td>2.6 - 3.0</td>
<td>0.102 - 0.118</td>
<td>Green</td>
</tr>
<tr>
<td>400 - 3.3 mm</td>
<td>80954</td>
<td>3.0 - 3.3</td>
<td>0.118 - 0.130</td>
<td>Green</td>
</tr>
<tr>
<td>400 - 3.5 mm</td>
<td>80955</td>
<td>3.3 - 3.6</td>
<td>0.130 - 0.141</td>
<td>Yellow</td>
</tr>
<tr>
<td>400 - 4.0 mm</td>
<td>80956</td>
<td>3.7 - 4.1</td>
<td>0.145 - 0.161</td>
<td>Grey</td>
</tr>
<tr>
<td>400 - 4.5 mm</td>
<td>80957</td>
<td>4.2 - 4.5</td>
<td>0.165 - 0.177</td>
<td>Beige</td>
</tr>
<tr>
<td>400 - 5.0 mm</td>
<td>80958</td>
<td>4.6 - 5.1</td>
<td>0.181 - 0.201</td>
<td>Dark Brown</td>
</tr>
<tr>
<td>400 - 6.0 mm</td>
<td>80959</td>
<td>5.6 - 6.0</td>
<td>0.220 - 0.236</td>
<td>Dark Blue</td>
</tr>
<tr>
<td>400 - Drop A</td>
<td>80960</td>
<td>4.4 x 8.2</td>
<td>0.173 x 0.323</td>
<td>Gold</td>
</tr>
</tbody>
</table>

*400 - Drop A for OFS, CommScope, Comning, Draka/Conteg, OFS, Prysmian and Sumitono cable

<table>
<thead>
<tr>
<th>Model</th>
<th>Part No.</th>
<th>Tube Size (mm OD)</th>
<th>Tube Size (inch OD)</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.8 mm</td>
<td>80835-001</td>
<td>1.6 - 1.8</td>
<td>0.063 - 0.071</td>
<td>Copper</td>
</tr>
<tr>
<td>2.2 mm</td>
<td>80835-002</td>
<td>2.0 - 2.2</td>
<td>0.079 - 0.087</td>
<td>Red</td>
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<tr>
<td>2.5 mm</td>
<td>80835-003</td>
<td>2.3 - 2.5</td>
<td>0.091 - 0.098</td>
<td>Blue</td>
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<td>3.0 mm</td>
<td>80835-004</td>
<td>2.6 - 3.0</td>
<td>0.102 - 0.118</td>
<td>Green</td>
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<tr>
<td>3.3 mm</td>
<td>80835-005</td>
<td>3.0 - 3.3</td>
<td>0.118 - 0.130</td>
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<tr>
<td>Drop A</td>
<td>80835-006</td>
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<td>0.173 - 0.323</td>
<td>Gold</td>
</tr>
<tr>
<td>3.5 mm</td>
<td>80835-007</td>
<td>3.3 - 3.6</td>
<td>0.130 - 0.141</td>
<td>Yellow</td>
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<tr>
<td>4.0 mm</td>
<td>80835-008</td>
<td>3.7 - 4.1</td>
<td>0.145 - 0.161</td>
<td>Grey</td>
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<tr>
<td>4.5 mm</td>
<td>80835-009</td>
<td>4.2 - 4.5</td>
<td>0.165 - 0.177</td>
<td>Beige</td>
</tr>
<tr>
<td>5.0 mm</td>
<td>80835-010</td>
<td>4.6 - 5.1</td>
<td>0.181 - 0.201</td>
<td>Dark Brown</td>
</tr>
<tr>
<td>6.0 mm</td>
<td>80835-012</td>
<td>5.6 - 6.0</td>
<td>0.220 - 0.236</td>
<td>Dark Blue</td>
</tr>
<tr>
<td>8.5 mm</td>
<td>80835-013</td>
<td>8.1 - 8.5</td>
<td>0.319 - 0.335</td>
<td>Orange</td>
</tr>
</tbody>
</table>
400-Series Kit
Fiber Buffer Tube and Drop Cable Slitter

• Kit for mid-span and end slitting of fiber buffer tubes and fiber drop cable
• Interchangeable color coded head blocks matched to buffer tube or drop cable size
• Blade depth precision factory set and can be field adjusted if required
• Dual blade design
• Self closing for safety
• Latch locks tool closed for ease of use when performing mid-span slitting preparation
• Comfortable plastic grips
• Made in the U.S.A.
• Replacement Blade Part No.: 80235 (2 required)
• Kit Dimensions: 11.5 x 8.25 x 2.5 in. (292 x 210 x 63.5 mm)
• Kit Weight: 2.04 lbs (925.3 g)

400-Series Kit

<table>
<thead>
<tr>
<th>Kit Part No.</th>
<th>Guide Blocks Included</th>
</tr>
</thead>
<tbody>
<tr>
<td>80830</td>
<td>2.5 / 3.0 / 4.4 x 8.2 mm</td>
</tr>
<tr>
<td>80830-001</td>
<td>2.2 / 2.5 / 3.0 mm</td>
</tr>
<tr>
<td>80830-002</td>
<td>1.8 / 2.2 / 2.5 / 3.0 / 3.3 mm</td>
</tr>
<tr>
<td>80830-007</td>
<td>400 - 8.5 mm</td>
</tr>
<tr>
<td>80830-009</td>
<td>400 - 5.3 mm</td>
</tr>
<tr>
<td>80830-010</td>
<td>400 - 6.0 mm</td>
</tr>
<tr>
<td>80830-016</td>
<td>400 - 3.5 mm</td>
</tr>
<tr>
<td>80235-1</td>
<td>Replacement Blade (two blade package)</td>
</tr>
<tr>
<td>80235-10</td>
<td>Replacement Blade (10 each)</td>
</tr>
</tbody>
</table>
FOKC
Fiber Optic Kevlar® Cutter
- Designed to cut Kevlar® strength members in fiber optic cables
- Powerful quick cutting action
- Full serrated edge for consistent, fast and clean cuts
- Lightweight and compact
- Return spring designed for precise repeated cuts
- Ergonomic handles with cushioned non-slip grips
- Made of high carbon steel specially treated for long life and trouble free cuts
- Length: 5.75 in. (146 mm)
- Weight: 2.5 oz (72 g)
- Part No.: 36495
- Made in the U.S.A. with parts from U.S.A. and China

86 1/2SF
Electronics/Kevlar® Shears
- 86 1/2SF is a high-leverage tool for cutting, trimming and slicing through fibers and other tough industrial and electronics material
- Use to cut and trim wire insulation materials, copper leads, filament wire, and nickel-ribbon
- Use 86 1/2SF to trim DuPont Kevlar® Aramid fibers
- Hot-forged, high carbon steel for long life
- Quick action spring response and two sharp points
- 86 1/2SF has one blade serrated and yellow cushioned grips
- Length of cut: 0.63 in. (16 mm)
- Made in the U.S.A.
- Length: 6.5 in. (165 mm)
- Weight: 4.8 oz (136 g)
- Part No.: 46331 86 1/2SF
- Part No.: 46339 86 1/2S NO grips
**KS-1**

Kevlar® Shears

- Lightweight shears ideal for cutting Kevlar® strength members found in fiber optic cable construction
- Ergonomic molded handles provide comfort for both right and left handed users
- One micro-serrated blade reduces slippage for more positive cutting action
- Blades made from high carbon molybdenum, and vanadium steel for long life
- KS-1 available with nylon pouch with belt loop (Part No.: 80665)
  - Nylon pouch only (Part No.: 80669)
  - Length: 5.5 in. (140 mm)
  - Weight: 2.8 oz (79 g)
  - Part No.: 80671
- Made in Taiwan

**KC699**

Kevlar® Shears

- Oversized molded handles for operator comfort
- Blades are hardened stainless steel with a fine serration on one blade to grip Kevlar® fibers and prevent slipping while cutting
- Ambidextrous handles for right- and left-hand use
- Length of cut: 2.5 in. (64 mm)
- Length: 7.25 in. (184 mm)
- Weight: 1.6 oz (45 g)
- Part No.: 46175
- Made in Japan
DS-60-C, DS-90-W
Diamond-Tip Fiber Optic Scribe

- Quality fiber optic scribes featuring a protective retractable barrel with pocket clip and a stainless steel mounted diamond tip in your choice of conical or wedge shapes
- These scribes are specially made for the “scratch and pull” technique of scribing optical fiber. The wedge shape provides a more durable edge
- Made in the U.S.A.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
<th>FULL LENGTH</th>
<th>PART NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>DS-60-C</td>
<td>60° Cone Angle-Diamond Tip Retractable Scribe</td>
<td>5.375 in. / 137 mm</td>
<td>46137</td>
</tr>
<tr>
<td>DS-90-W</td>
<td>90° Wedge-Diamond Tip Retractable Scribe</td>
<td>5.375 in. / 137 mm</td>
<td>46140</td>
</tr>
</tbody>
</table>

CS-30-W
Carbide-Tip Fiber Optic Scribe

- The CS-30-W is a 30-degree wedge-tip carbide scribe 3.8 mm wide for long life and simple fiber termination
- Housed in a rugged, anodized aluminum casing 112 mm long and 8 mm in diameter, the CS-30-W fits comfortably in either hand and in your pocket or tool kit
- The CS-30-W includes a convenient pocket clip and soft, brightly colored, protective “Squeeze and Pull” cap for easy and quick tool selection
- Made in the U.S.A.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
<th>FULL LENGTH</th>
<th>PART NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-30-W</td>
<td>30° Wedge-Carbide Tip</td>
<td>4.375 in. / 112 mm</td>
<td>46124</td>
</tr>
</tbody>
</table>

CS-30-DE
Double End Carbide Fiber Optic Scribe

- Reversible 30 degree angled carbide blade edged on both ends to double the life of the tool
- 5 mm wide blade wider than conventional scribe blades for greater visibility
- “Soft feel” grip on rugged anodized aluminum casing
- Hex-shaped end to prevent scribe from rolling off work table
- Plastic cap protects blade when tool is not in use
- Convenient pocket clip
- Carbide Blade Replacement Part No.: 46122
- Made in the U.S.A.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
<th>FULL LENGTH</th>
<th>PART NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-30-DE</td>
<td>3/16 in. (5 mm)</td>
<td>5-1/4 in. (133 mm)</td>
<td>46123</td>
</tr>
</tbody>
</table>
FIBER OPTICS

FOC-SS
Fiber Optic Cleaver
• Designed for fiber cleaving applications that include field termination of fiber connectors and mechanical splices as well as laboratory applications
• Small, lightweight and easy to use
• Features a graduated leaf spring scale, which allows cleave lengths of 2.0 mm to 20.0 mm
• The “Score and Snap” leaf spring function is easy, fast and is the preferred method by many fiber installers
• Produces a precise cleave endface angle of less than 2 degrees
• Cleaving tool is designed for single mode and multimode fiber with cladding O.D. diameter of 125 micron with no operator tool adjustments
• Cleaver and instructions come in a 2.12 oz (60g) hard plastic case that measures 5.38 x 3.38 x 1.13 in. (137 x 86 x 29 mm)
• Cleaver Dimension: 4.88 x 0.79 x 1.57 in. (124 x 20 x 40 mm)
• Weight: 2.12 oz (60g)
• Fiber Optic Cleaver: FOC-SS
  Part No.: 46490
• Leaf Spring Replacement: FOC-LS
  Part No.: 46492
• Carbide Blade Replacement: FOC-CBL,
  Bladelife scores – 6,000*
  Part No.: 46491
• Diamond Blade Replacement: FOC-DBL,
  Bladelife scores – 10,000*
  Part No.: 46493
• Made in the U.S.A.
  * Based on no damage or chipping to blade

TELECOM

RMC-6
Ruler
• Precision quality stainless steel 6 in. (150 mm) ruler
• Sliding clip for pocket attachment and depth gauge use
• One ruler side indicates inches and mm and one side indicates 64th and mm conversions
• Ideal addition for fiber kits as well as other specialty tool kits
• Made in the U.S.A.
• Weight: 1.0 oz (28 g)
• Length: 6.4 in. (163 mm)
• Part No.: 80683
CC125
Fiber Optic Cleaver
• Produces extremely precise cleave lengths from 6.5 mm to 20 mm
• Produces endface angles of less than two degrees 100% of the time
• Ideal for achieving the precise cleaves required by the new generation of “no polish” fiber connectors — in either simplex or duplex cables
• Tremendous repeatability — once the cleave length is set and locked, every cleave will be the same precise length
• Steel handles with plastic grips
• Anodized aluminum cleaving blocks / fixtureing
• Carbide cleaving blade
• Polyurethane rubber cleaving and gripping pads
• Compatible Fibers:
  – Glass fibers with 125-micron nominal cladding diameters
• Made in the U.S.A.
• Length: 5.125 in. (130 mm)
• Width: 1.75 in. (45 mm)
• Height/Thickness: 1.5 in. (38 mm)
• Part No.: 46092

Fiber Optic Crimp Tool
• Ratcheting action crimp tool for positive, full cycle crimping of fiber optic connectors
• Rugged steel frame
• Interchangeable jaws
• Several common fiber optic hex and oval jaws available
• Length: 8.6 in. (218 mm)
• Weight: 1.1 lb (500 g)

<table>
<thead>
<tr>
<th>With Jaw Set #</th>
<th>Part No.</th>
<th>Square</th>
<th>Hex Sizes</th>
<th>Oval Sizes</th>
<th>Jaw Set Only Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>39840-1*</td>
<td>.043</td>
<td>.068, .100, .137, .213, .255</td>
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<td>39844*</td>
</tr>
<tr>
<td>2</td>
<td>39840-2**</td>
<td>.042</td>
<td>.068, .078, .126, .151, .178</td>
<td>.133, .162, .195</td>
<td>39845*</td>
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<td>3</td>
<td>39840-3**</td>
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<td>.068</td>
<td>.133, .162, .195</td>
<td>39842*</td>
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<td>.042</td>
<td>.068, .151, .178, .213</td>
<td></td>
<td>39843*</td>
</tr>
</tbody>
</table>

*Made in Taiwan
**Made in the U.S.A. with parts from U.S.A. and Taiwan

Phone: 860-635-2200
Fiber Optic Inspection Microscope 200x / 400x

- Available in magnification strengths of either 200x or 400x
- Achromatic glass objective for excellent image quality
- Focus wheel for proper focus at all times
- Universal 2.5 mm adapter for nearly all ST, SC and FC connector ferrules included as the standard adapter
- Integrated laser safety filters (not intended for viewing lit fibers)
- Coaxial illumination by LED light giving up to 100,000 lamp hour life and extended battery life
- Side illumination port allows back lit inspection of jumpers and can be used as a fault finder
- Body of durable aluminum comes in soft padded storage case
- Takes 3 AAA batteries (included)
- Length: 9 in. (230 mm)
- Weight: 1.2 lbs (550 g) without case
- 200x Part No.: 80760
- 400x Part No.: 80761
- Made in China

Riser Break-out Tool

- For use in FTTH –MDU (Multiple Dwelling Units) as well as other riser cable applications
- Preparation tool especially designed to shave a break-out window in riser cable with no fiber damage while allowing individual fiber extraction
- Tool is compact and lightweight and has rugged aluminum body design
- Allows easy and fast access to closely spaced riser cables especially in small confined areas
- Compact and thin profile tool design allows for ease of use when riser cable is surface mounted, without the need for separating it from the mounting surface
- Shaves a longitudinal break-out window in 8.5 mm, 10.5 mm and 14 mm O.D. riser cables without any time consuming tool adjustment
- Factory fixed shaving blade made of high carbon steel is safely recessed away from installer’s hand to minimize exposure
- Applicable cables listed in the following table - please contact Customer Service for other cables
- Made in the U.S.A.
- Tool Dimensions: 4 in. x 1.5 in. x 5/8 in. (100 mm x 38 mm x 17 mm)
- Weight: 3.68oz (105g)
- Replacement Blade: Part No: 81320 includes 10 blades, two spare mounting screws and washers
- Part No.: 81315
FOPD-25, FOPD-LC, FS800, FS900
Fiber Optic Polishing Disc

- High quality hand polishing disc for fiber optic connectors
- “Universal” design fits most 2.5 mm ferrule connectors including: ST, SC and FC connectors
- Inside and outside rims designed for improved hand positioning while performing the polishing operation
- Channeled, raised base allows debris to escape easily and provide for easy polishing action
- High quality, precision machined stainless steel design for long life
- Diameter: 1.94 in. (49.2 mm)
- Weight: 1.5 oz (43 g)
- FOPD-25 Part No.: 80688; Made in the U.S.A.
- FOPD-LC also available (aluminum disc for 1.25 mm ferrule LC connectors) (Part No.: 80754); Made in Taiwan
- FS800 is 1.5 in. diameter plastic disc designed for most 2.5 mm ST, SC and FC connectors (Part No.: 46167); Made in the U.S.A.
- FS900 is 1.5 in. diameter stainless steel disc for 2.5 mm connectors (Part No.: 46169); Made in the U.S.A.
CCT-2
Fiber Continuity Tester
• Provides a high intensity, long-lasting RED LED light source that transmits light instantly and accurately down the fiber to a maximum range of 2 km
• New design provides a more economically priced tool over the original CCT-2001
• Provides a fast, efficient and low cost check of fiber continuity in the field
• Use with both single mode and multimode fiber
• Compatible with almost all types of connectors including ST, FC, SC, LC and MT-RJ
• Push button operation
• Uses (3) each LR41 or AG3 batteries (included)
• CE certified
• ROHS Compliant
• 5 lumens, 60Mw @ 30M a, 620-640nm
• Part No.: 46097
• Made in China

FO-VFL
Fiber Optic Visual Fault Locator
• Slim pen style 650 nm red visible laser diode fault locator for single and multimode fiber
• Designed for field personnel who need an efficient and economical tool for fiber tracing, fiber routing, and continuity checking in an optical network, during, and after installation
• Detects fiber breaks, fiber leaks, stress points and faulty connectors
• Features a universal connector accepting any optical connector style with 2.5 mm ferrule such as FC, SC, ST, E2000, and APC
• LED indicates function status, such as ON and OFF of laser, continuous laser mode, pulse laser mode, and low battery
• Includes two 1.5V AAA batteries, cushioned vinyl carrying case, lense cap, and instruction sheet
• Additional power button prevents accidentally activating the laser and draining the batteries
• Average laser life is approximately 3000 hours
• Maximum output power is 5 mW
• Minimum coupled power is 0.5 mW
• For single mode up to 7 km, for multi-mode up to 3 km
• Laser class 3A
• CE, RoHS compliant
• FO-VFL without 1.25 mm Adapter (Part No. 80920); Made in China
• FO-VFL with 1.25 mm Adapter included (Part No. 80910); Made in China
• 1.25 mm Adapter Only (Part No. 80911); Made in Taiwan
Complete kit includes:
- Clear Lexan® polishing plate
- Neoprene polishing pad
- Universal plastic polishing puck
- Universal stainless steel polishing puck
- 12 micron polishing film – 10 included
- 3 micron polishing film – 10 included
- .5 micron polishing film – 10 included
- Lint-free cleaning wipes – 25 included
- Pre-saturated bifurcated swipes – 10 included
- Made in the U.S.A.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
<th>DIMENSIONS</th>
<th>PART NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>PK2000</td>
<td>Fiber Optic Polishing Kit – Complete</td>
<td>L: 14-3/8 in.; W: 9-1/2 in.; D: 2-3/8 in. 365 mm x 241 mm x 60 mm</td>
<td>46277</td>
</tr>
<tr>
<td>FS600</td>
<td>Fiber Optic Polishing Plate – Lexan®</td>
<td>L: 13 in.; W: 9 in.; D: 1/4 in. 330 mm x 229 mm x 6 mm</td>
<td>46163</td>
</tr>
<tr>
<td>FS700</td>
<td>Fiber Optic Polishing Pad – Neoprene</td>
<td>H: 5-1/2 in.; W: 5-1/2 in.; D: 1/8 in. 140 mm x 140 mm x 3 mm</td>
<td>46165</td>
</tr>
<tr>
<td>FS800</td>
<td>Fiber Optic Polishing Puck – Plastic 2.5 mm</td>
<td>Diameter: 1-1/2 in. / 38 mm</td>
<td>46167</td>
</tr>
<tr>
<td>FS900</td>
<td>Fiber Optic Polishing Puck – Stainless Steel 2.5 mm</td>
<td>Diameter: 1-1/2 in. / 38 mm</td>
<td>46169</td>
</tr>
<tr>
<td>PFA0-5</td>
<td>Fiber Optic Polishing Film Aluminum Oxide .5 micron Color: White</td>
<td>3 in. x 6 in. 76 mm x 152 mm</td>
<td>46273</td>
</tr>
<tr>
<td>PFA0-3</td>
<td>Fiber Optic Polishing Film Aluminum Oxide 3 micron Color: Yellow</td>
<td>3 in. x 6 in. 76 mm x 152 mm</td>
<td>46275</td>
</tr>
<tr>
<td>PFA0-12</td>
<td>Fiber Optic Polishing Film Aluminum Oxide 12 micron Color: Red</td>
<td>3 in. x 6 in. 76 mm x 152 mm</td>
<td>46274</td>
</tr>
<tr>
<td>F1000</td>
<td>Fiber Optic Cleaning Wipes</td>
<td>3 in. x 4 in. / 76 mm x 101 mm</td>
<td>46143</td>
</tr>
<tr>
<td>FS400</td>
<td>Bifurcated Swipes</td>
<td>4-1/4 in. / 108 mm</td>
<td>46161</td>
</tr>
</tbody>
</table>

Also available: Diamond Polishing Film No. PFD-3, 5 in. (127 mm) Round; Color: Rose

Phone: 860-635-2200
FIBER-SAFE™ SAFETY KIT

- Fiber-Safe™ safety kit is specifically for working safely with glass fiber.
- Complete kit includes a Fiber-Safe polishing / work mat, fiber scraps trash can, splinter removal tweezer, ten bifurcated cleaning swipes, each with a self-contained alcohol dispensing tube, and safety glasses.
- Kit items can also be purchased separately
- Part No.: 80875
- Made in the U.S.A.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
<th>DIMENSIONS</th>
<th>PART NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS9500</td>
<td>Fiber Optic Safety Kit - Complete</td>
<td>L: 16.5 in.; W: 3.5 in. / 42 x 9 cm</td>
<td>46171</td>
</tr>
<tr>
<td>FS100</td>
<td>Polishing/Work Mat (Black)</td>
<td>L: 22 in.; W: 14 in. / 56 x 35.5 cm</td>
<td>46154</td>
</tr>
<tr>
<td>FS200S</td>
<td>Fiber Scraps Trash Can</td>
<td>H: 4 in.; W: 2.25 in. / 10 x 5.7 cm</td>
<td>46157</td>
</tr>
<tr>
<td>FS300</td>
<td>Safety Glasses</td>
<td>N/A</td>
<td>46159</td>
</tr>
<tr>
<td>FS400</td>
<td>Bifurcated Swipes - 10 included</td>
<td>L: 5 in. / 12.7 cm</td>
<td>46161</td>
</tr>
<tr>
<td>FS500</td>
<td>Fiber Splinter Removal Tweezers</td>
<td>L: 4.25 in. / 10.8 cm</td>
<td>46162</td>
</tr>
</tbody>
</table>

MDP-8
Miller Dispensing Pump
- Oval (Euro Style) container design with rectangular bottom for stability
- Polypropylene Twist-lock pump provides leak-free seal for travel and is ideal for use in a fiber kit
- Use with isopropanol for proper cleaning of fiber during the cable preparation
- One handed pump operation frees up user’s hands
- Made in the U.S.A.
- Container not supplied with liquid
- Dimensions: 2.9 x 5.5 x 2.4 in. deep (74 x 140 x 61 mm deep)
- Capacity 8 oz (250 ml)
- Weight 1.8 oz (51 g)
- Part No.: 80870
MDP-4
Miller Dispensing Pump
- Square HDPE 4 oz (118 ml) container provides stability and offers stainless steel pump
- Use with Isopropanol for proper cleaning of fiber during the cable preparation
- One handed pump operation frees up user’s hands
- Cam-lock hinge keeps lid open and closed to reduce odors
- Pump design with purity protector prevents fluid from reentering the bottle
- Each touch of the pump dispenses approximately 2cc of liquid
- Made in the U.S.A.
- Container is not supplied with liquid
- Dimensions: 3.1 x 2.1 in. (79 x 54 mm)
- Weight: 2.3 oz (65g)
- Part No.: 80875

103-S
Adjustable Wire Stripper & Cutter with cam adjustment
- Strips and cuts insulated wire sizes from #22 AWG (0.65 mm) to #10 AWG (2.6 mm)
- Cam adjusts easily to fit wire size
- Pressure is against the cam not on the set screw
- Opening spring and closing lock feature
- Ideal for all applications
- Ground and unground versions available
- Soft plastic coated handles
- Length: 5.375 in. (136.53 mm)
- Weight: 2.5 oz (71 g)
- Model 103-S Part No.: 80315
- Model 103-S Part No.: 80315-30
  Ground Cutting Surface
- Made in Taiwan
100
Adjustable Wire Stripper & Cutter

- Strips and cuts insulated wire sizes from #22 AWG (0.65 mm) to #10 AWG (2.6 mm)
- Effective for stripping / scoring fiber optic jackets and buffer tubing
- Stop screw adjusts easily to fit wire size
- Ground and unground cutting surface versions available
- Soft plastic coated handles
- Length: 5.125 in. (130.18 mm)
- Weight: 2.5 oz (71 g)
- Also available with opening spring and closing lock feature (Model #101-S)
  - Model 100 Part No.: 80300
  - Model 100 Part No.: 80300-30  Ground Cutting Surface
  - Model 101-S Part No.: 80305
  - Model 101-S Part No.: 80305-30  Ground Cutting Surface
- Made in Taiwan

111-TAS
Thumb Adjustable Wire Stripper & Cutter

- Effective for stripping & cutting insulated wire sizes from #22 AWG (0.65 mm) to #10 AWG (2.6 mm)
- Scalloped handles ergonomically designed for ease of use and optimum operator comfort
- Patented mechanism allows for full range adjustment
- Finger operated stop, adjusts easily for manual adjustment of jaws without additional tools
- Unique spring mechanism holds the jaws and stripping surfaces in a normally open position, permitting ease of operation in repetitive stripping applications
- Once set, the operating pressure is encapsulated between the cam and pivoting tool arm, allowing for maximum operator leverage
- All cutting surfaces are precision formed, hardened, tempered and ground assuring clean smooth strips
- Length: 5.4 in. (137 mm)
- Weight: 2.2 oz (62 g)
- Part No.: 80735
- Made in China
RCS-114, RCS-158
Round Cable Strippers

- Two tools designed for fast, safe, and precise jacket removal of PE, PVC, rubber, and other jackets
- Fiber Optic cables - excellent tool for precise jacket stripping of fiber optic multi-fiber cables
- RCS-114 for smaller diameter cables: 0.178 to 1.14 in. (4.5 - 29 mm)
- RCS-158 for larger diameter cables: 0.75 to 1.58 in. (19 - 40 mm)
- Rotary cut to a longitudinal cut along the cable length for end stripping
- Spiral cut for end stripping and mid-span stripping
- Spiral cutting features provides easier removal of harder jackets
- Spring-loaded cable brace firmly secures cable to the blade for controlled cutting action
- Comfort and ergonomic design for ease of use and storage
- Long life blade design
- Blade depth can be regulated by simply turning the blade housing
- Blade housing is PTFE coated, for smooth, low effort stripping
- Replacement blade (RCS-114 and RCS-158): CB231 (Part No: 37150)
  - Length: RCS-114 - 5.43 in. (138 mm)
  - RCS-158 - 6.02 in. (153 mm)
  - Weight: RCS-114 - 3.5 oz (100 g)
  - RCS-158 - 3.84 oz (110 g)
- Part No.: 37140 (RCS-114)
- Part No.: 37145 (RCS-158)
- Made in U.K.
**MK02, MK02M**

**Round Cable Strippers**

- Cable stripper for outer jackets & insulations from 0.18 to 1.12 in. (4.5 to 28.5 mm) O.D.
- Stripping action is both circumferential, then longitudinal for removal of insulation section at the end or mid span of wires
- Note: Does not provide a Spiral Cutting feature
- Adjustable depth up to 0.12 in. (3 mm) cutting depth
- Spherical blade for softer insulation is standard; chisel point blade for harder coverings is optional
- MK02 has handy spring-loaded hook ripping blade at base of tool to facilitate insulation removal
- MK02M functions the same as the MK02 but does not contain the spring-loaded hook ripping blade
- Solid construction for rugged applications
- MK02 Part No.: 39390
- MK02M Part No.: 39490
- Made in China

**Specifications**

- Stripping Capacity – 0.18 to 1.12 in. (4.5 to 28.5 mm) O.D.
- Replacement Blades: – Spherical cutting blade (set of 5) – 39391
  – Chisel point blade (set of 5) - 39392
- Weight: 4.2 oz (120 g)
- Dimensions: 5.3 x 1.6 x 0.6 in. (135 x 40 x 15 mm)
MK04

Cable Jacket Stripper

- Cable stripper for outer jackets & insulation on large diameter cables
- Heavy duty construction for industrial environments
- Rotary cut to a longitudinal cut along the cable length for end stripping
- Spiral cut for end stripping
- Spiral cut for mid-span stripping
- Spiral cutting feature provides easier removal of soft jackets and on larger cables
- Adjustable blade up to 0.20 inches (5 mm) cutting depth
- Blade depth setting can be locked to assure consistent repetitive operations
- Roller support of cable for smooth stripping action

<table>
<thead>
<tr>
<th>Model</th>
<th>Cable Size Range In. O.D.</th>
<th>Cable Size Range mm O.D.</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MK04</td>
<td>0.79 in. to 2.36 in.</td>
<td>20 to 52</td>
<td>39376</td>
</tr>
</tbody>
</table>

- Replacement Fixed Blade Assembly: Part No.: 39379
- Replacement Fixed Blade Cartridges (FC2) Part No.: 39377 for larger O.D. cable & (FC3) Part No.: 39378 for smaller O.D. cable
- Weight: 1.5 lbs (680 g)
- Size: 3.7 x 1.7 (head) x 9.8 in. (95 x 42 x 250 mm)
- Made in China

MK01DA

Outer Jacket Cable Stripper

- Designed for precision stripping of a variety of insulation types including rubber, PVC, nylon and cotton
- Adjustable blade depth up to 4.5 mm (0.18 in.)
- Blade depth setting can be locked to assure consistent repetitive operations
- Adjustable hook head allows for variation in blade force for harder materials
- Stripping action is circumferential, longitudinal and spiral for removal of jacket and insulation

<table>
<thead>
<tr>
<th>Application</th>
<th>Wire Size, mm O.D.</th>
<th>Wire Size, Inches O.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable Stripping</td>
<td>8 mm to 33 mm</td>
<td>0.31 in. to 1.5 in.</td>
</tr>
</tbody>
</table>

- Replacement Blade: Part No.: 39381
- Weight: 159 g (5.6 oz)
- Length: 163 mm (6.4 in.) closed
- Part No.: 39922
- Made in China
721, 821 & 921
Multi-Wire Strippers / Cutters

- 721 strips and cuts 22-10 AWG (0.6-2.6 mm) wire sizes
- 821 strips and cuts 26-16 AWG (.40-.80 mm) wire sizes
- 921 strips and cuts 30-20 AWG (.25-.80 mm) wire sizes
- AWG/mm wire sizes embossed/pad printed on tool
- Cushion grips for comfort
- Serrated plier-type nose for wire pulls and loops
- Handle lock mechanism for compact and protective storage for ease of use with pouch
- Wire looping / bending holes conveniently located
- Automatic return spring for ease of use and speed
- Compact and lightweight with narrow nose design
- Black oxide finish for extra corrosion protection
- All cutting surfaces are precision formed, hardened, tempered and ground, assuring clean, accurate strips
- Length: 6.25 in. (159 mm)
- Weight: 3.8 oz (107.7 g)
- 721 Part No.: 80564
- 821 Part No.: 80568
- 921 Part No.: 44625
- Made in China

<table>
<thead>
<tr>
<th>Type</th>
<th>Sizes (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>721</td>
<td>0.6 0.8 1.0 1.3 1.6 2.0 2.6</td>
</tr>
<tr>
<td>821</td>
<td>0.4 0.5 0.65 0.8 1.0 1.3</td>
</tr>
<tr>
<td>921</td>
<td>0.25 0.32 0.4 0.5 0.6 0.8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type</th>
<th>Sizes (AWG)</th>
</tr>
</thead>
<tbody>
<tr>
<td>721</td>
<td>22 20 18 16 14 12 10</td>
</tr>
<tr>
<td>821</td>
<td>26 24 22 20 18 16</td>
</tr>
<tr>
<td>921</td>
<td>30 28 26 24 22 20</td>
</tr>
</tbody>
</table>
PS 1
Self-Adjusting Wire Stripper

- Designed to handle PVC insulated small cross-sectional wires up to 1.5 mm² (0.062 in.)
- Lightweight and compact size ideal for small applications
- Allows for precise work with less fatigue
- Automatic, self-adjusting stripping action over entire range
- Built-in strip stop for consistent strip lengths
- Built-in cutter for wire end trimming
- Supplied with interchangeable gripping pads to suit different types of insulation

<table>
<thead>
<tr>
<th>Application</th>
<th>Wire Size Range mm²</th>
<th>Wire Size Range Inches O.D.</th>
<th>Approximate AWG wire size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire Stripping</td>
<td>Up to 1.5</td>
<td>Up to 0.062</td>
<td>Stranded 34-16</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Solid 34-14</td>
</tr>
<tr>
<td>Wire Cutting</td>
<td>Up to 1.5</td>
<td>Up to 0.062</td>
<td>Stranded 34-16</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Solid 34-14</td>
</tr>
</tbody>
</table>

- Replacement Gripping Pads (set of 3): Part No.: 39398
- Weight: 76 g (2.7 oz)
- Dimensions: 155 x 80 x 14 mm (6.1 x 3.1 x 0.6 in.)
- Part No.: 39765
- Made in China

PS 2
Self-Adjusting Wire Stripper

- Ideal for production line and electronic / electrical maintenance applications
- Comfortable fatigue free shape
- Fully self-adjusting with built-in wire cutter, adjustable length stop and variable gripping power
- Strips wire without damage to conductor
- Robust glassfiber reinforced nylon body with hardened and tempered steel moving component parts insures a long, maintenance free life

<table>
<thead>
<tr>
<th>Application</th>
<th>Wire Size Range mm²</th>
<th>Wire Size Range In. O.D.</th>
<th>Approximate AWG wire size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire Stripping</td>
<td>0.08 to 6.00</td>
<td>up to 0.126 in.</td>
<td>22-10 Stranded &amp; Solid</td>
</tr>
<tr>
<td>Wire Cutting</td>
<td>Up to 6.00 stranded Copper</td>
<td>up to 0.126 in.</td>
<td>22-10 Stranded &amp; Solid</td>
</tr>
</tbody>
</table>

- Weight: 150 g (5.3 oz)
- Dimensions: 180 x 70 x 18 mm (7.1 x 2.8 x 0.7 in.)
- Part No.: 39780
- Made in China
MK 1F/D
Self-Adjusting Wire Stripper

- Designed for high volume, production environments
- Strips 0.25 mm² to 2.5 mm² PVC insulated wires
- Die cast aluminum frame and pressed steel linkages offer a rugged design for production and field use
- Automatic, self-adjusting stripping action over entire range
- Additional flexibility to adjust for tough or soft insulations, with built-in adjustment dial
- Built in strip stop for consistent strip lengths

<table>
<thead>
<tr>
<th>Application</th>
<th>Wire Size Range mm²</th>
<th>Wire Size Range Inches O.D.</th>
<th>Approximate AWG wire size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire Stripping</td>
<td>0.25 to 2.5</td>
<td>Up to 0.1 in.</td>
<td>Stranded up to 14 Solid up to 14</td>
</tr>
</tbody>
</table>

- Replacement Stripping Jaw Assembly: Part No.: 39416
- Weight: 240 g (8.5 oz)
- Dimensions: 165 x 64 x 16 mm (6.5 x 2.5 x 0.6 in.)
- Part No.: 39415
- Made in China
Wire Strippers

- The premier precision wire stripper for removing insulation from solid or stranded wire without nicking or scratching the conductor
- Nominal conductor diameter range from .0050 to .044 in.
- Tool hole diameter range from .008 to .054 in.
- Tool handle is stamped with identifying hole diameter
- Made in the U.S.A.
- Length: 5.375 in. (136.53 mm)
- Weight: 2.5 oz (71 g)
## Wire Stripper Selection Chart

<table>
<thead>
<tr>
<th>AWG</th>
<th>Wire Construction</th>
<th>Nominal Conductor Diameter</th>
<th>Tool Hole Diameter</th>
<th>NEW Tool Model Number</th>
<th>NEW Tool Part No.</th>
<th>Old Tool Model</th>
<th>Old Tool Part No.</th>
<th>Handle Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>28</td>
<td>Solid</td>
<td>.0126</td>
<td>.320</td>
<td>.014</td>
<td>NN014W</td>
<td>86194</td>
<td>NN014*</td>
<td>Dark Green</td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>.014</td>
<td>.3556</td>
<td>.016</td>
<td>NN016W</td>
<td>86196</td>
<td>NN016*</td>
<td>Orange</td>
</tr>
<tr>
<td>30</td>
<td>Solid</td>
<td>.0100</td>
<td>.254</td>
<td>.014</td>
<td>NN014W</td>
<td>86194</td>
<td>NN014*</td>
<td>Dark Green</td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>.011</td>
<td>.2794</td>
<td>.016</td>
<td>NN016W</td>
<td>86196</td>
<td>NN016*</td>
<td>Orange</td>
</tr>
<tr>
<td>32</td>
<td>Solid</td>
<td>.0080</td>
<td>.2032</td>
<td>.010</td>
<td>NN010W</td>
<td>86190</td>
<td>NN010*</td>
<td>Light Blue</td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>.009</td>
<td>.2286</td>
<td>.010</td>
<td>NN010W</td>
<td>86190</td>
<td>NN010*</td>
<td>Light Blue</td>
</tr>
<tr>
<td>34</td>
<td>Solid</td>
<td>.0063</td>
<td>.160</td>
<td>.008</td>
<td>NN010W</td>
<td>86190</td>
<td>NN010*</td>
<td>Light Blue</td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>.007</td>
<td>.1778</td>
<td>.010</td>
<td>NN010W</td>
<td>86190</td>
<td>NN010*</td>
<td>Light Blue</td>
</tr>
<tr>
<td>36</td>
<td>Solid</td>
<td>.0050</td>
<td>.127</td>
<td>.008</td>
<td>NN008W</td>
<td>86188</td>
<td>NN008*</td>
<td>Red</td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>.006</td>
<td>.1524</td>
<td>.008</td>
<td>NN008W</td>
<td>86188</td>
<td>NN008*</td>
<td>Red</td>
</tr>
</tbody>
</table>

* Out of Stock - must order new Part Number

All other Old Part Numbers are While Supplies Last

All new items ONLY come with Grey handles.
Utility Cutter

- Cuts stranded wire from #22 AWG (.65 mm) to #12 AWG (2.3 mm)
- Utility cutter for plastic, wire and other materials
- Perfect for plastic cuffs
- Spring mechanism opens tool permitting ease of operation in repetitive functions
- All cutting surfaces are precision formed, hardened, tempered and ground
- Closing lock feature
- Soft plastic coated handles
- Length: 5.375 in. (136.53 mm)
- Weight: 2.5 oz (71 g)
- Part No.: 80365
- Made in Taiwan
205
Rural “C” Line Wire Slitter & Stripper

- Heads matched to wire diameter
- Used by major telephone installers
- Slitting and stripping blades are replaceable
- Replacement Blades:
  # 205 SL BL (slitting blade)
  # 205 ST BL (stripping blade)
- Tools are self-closing for safety
- Soft plastic coated handles
- Made in the U.S.A.
- Length: 7 in. (177.80 mm)
- Weight: 9.5 oz (269 g)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>205 14GA</td>
<td>80250*</td>
<td>.062</td>
<td>205SL BL</td>
<td>80235**</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>205ST BL</td>
<td>80236-1*</td>
</tr>
<tr>
<td>205 12GA</td>
<td>80238*</td>
<td>.080</td>
<td>205SL BL</td>
<td>80235**</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>205ST BL</td>
<td>80236-4*</td>
</tr>
</tbody>
</table>

*Made in U.S.A.
**Made in Korea
305 Figure-8 Aerial Self Support Duct Slitting Tools

- Messenger removal and jacket slitting tools for round figure-8 aerial duct
- Heads matched to messenger sizes
- Self closing for safety
- Locking latch on MJ and MW tools provides easier slitting action
- Replaceable blades
- Plastic Grips on handles
- Made in the U.S.A.
- Length: 6.5 in. (165 mm)
- Weight: 9.0 oz (255 g)

Models for Messenger Web Slitting (slits web between messenger and duct)

<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>305 AN</td>
<td>80255</td>
<td>—</td>
<td>—</td>
<td>.380 - .420</td>
<td>305 BL</td>
<td>80235</td>
</tr>
<tr>
<td>305 WEB-B</td>
<td>80280</td>
<td>—</td>
<td>—</td>
<td>.435 - .450</td>
<td>305 BL</td>
<td>80235</td>
</tr>
<tr>
<td>305-6MW-P6</td>
<td>80631</td>
<td>Pyramid</td>
<td>6.6</td>
<td>.400</td>
<td>305 Hook</td>
<td>80244</td>
</tr>
<tr>
<td>305-6MW-D6</td>
<td>80241</td>
<td>Duraline</td>
<td>6.6</td>
<td>450</td>
<td>305 Hook</td>
<td>80244</td>
</tr>
</tbody>
</table>

Models for Messenger Jacket Slitting (Slits Messenger Jacket for Removal)

<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>305-6MJ-P6</td>
<td>80640</td>
<td>.400</td>
<td>Pyramid</td>
<td>6.6</td>
<td>305 MJ</td>
<td>80639</td>
</tr>
<tr>
<td>305-6MJ-AD6</td>
<td>80240</td>
<td>.450</td>
<td>Duraline, Arnco</td>
<td>6.6</td>
<td>305 MJ</td>
<td>80639</td>
</tr>
</tbody>
</table>
925CS/925CS-ERGO
Splicer’s Scissors
- Multi-purpose service tool
- All exterior surfaces and interior blade surfaces double-plated with chrome over nickel to prevent rust and corrosion — the ONLY electrician’s scissors that offer this full double protection
- Every pair totally thru-hardened for years of service.
- Use for splicing wire; cutting harness ties, insulation materials, medium gauge wires, and electrical tape; and stripping insulation.
- Stripping notches for 19 and 23 gauge wire
- Scraper and file on back of blade
- Made in the U.S.A.
- Length: 7.5 in. (190 mm)
- Weight: 3.2 oz (91 g)
- Part No.: 46043

925CS-ERGO
- ERGO Scissors have the same quality features as 925CS
- Ergonomic design to minimize hand wrist fatigue
- Cushioned handle that nests in the palm of your hand for greater cutting leverage
- Length: 7.5 in. (190 mm)
- Weight: 3.7 oz (110 g)
- Part No.: 46046
- Made in the U.S.A.

CK6
Splicer’s Knife
- Tough, coping-style blade
- Forged steel
- Full-Size, high-dielectric, yellow-cushioned handle
- Provided with a protective blade sheath
- Length: 6.25 in. (159 mm)
- Blade length: 1.625 in. (41 mm)
- Weight: 2.4 oz (68 g)
- Part No.: 46112
- Made in the U.S.A.

925CS KIT
Splicer’s Kit
- Complete Kit Contains:
  1 – CSH 96 Holster
  1 – 925CS Splicer’s Scissors
  1 – CK6 Knife
- Kit Dimensions: 8.25 x 2.125 x 1 in. (210 x 54 x 2.54 mm)
- Weight: 7.5oz (213 g)
- Part No.: 46044
- Made in the U.S.A.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
<th>FULL LENGTH</th>
<th>LENGTH OF CUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>925CS</td>
<td>Stripping notches 19 &amp; 23 AWG and one blade serrated</td>
<td>5 in. / 127 mm</td>
<td>1.75 in. / 44 mm</td>
</tr>
<tr>
<td>925CS-ERGO</td>
<td>Same as 925CS except with ERGO handles</td>
<td>5 in. / 127 mm</td>
<td>1.75 in. / 44 mm</td>
</tr>
<tr>
<td>CK6</td>
<td>Splicer’s knife</td>
<td>5.25 in. / 133 mm</td>
<td>N/A</td>
</tr>
<tr>
<td>925CS Kit</td>
<td>One 925CS Scissor, One CK6 Splicer’s Knife and one CSH96 Holster</td>
<td>8.5 in. / 216 mm</td>
<td>N/A</td>
</tr>
</tbody>
</table>
SPECIALTY SCISSORS

- Precision crafted tools
- Perfect for military spec work
- Used for cutting harnesses, assembling circuit boards, cutting and tying laces, and trimming wire for terminals
- Needle-sharp points for accuracy and delicate trimming in tight places
- Hot-forged fine cutlery steel, double-plated with chrome over nickel, tempered and precision ground for the finest performance
- IS4 1/4 is a precise instrument with long blades and needle-sharp points for stripping shielding, and cutting light wire for shim stock. High leverage for extra cutting power
- 33 1/4 is a high leverage scissor with delicate, extra sharp, curved blades
- 384 and 385 have the same features, but vary in overall length and length of cut
- 554 has snub-nosed, curved blades, and long, strong handles for cutting wire and filament in limited clearance areas
- 564C has one blade serrated to prevent slip-out
- Made in the U.S.A.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>FULL LENGTH</th>
<th>LENGTH OF CUT</th>
<th>PART NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>IS4 1/4</td>
<td>4 1/4 in. - 108 mm</td>
<td>3/4 in. - 19 mm</td>
<td>46333</td>
</tr>
<tr>
<td>33 1/4 (Curved blades)</td>
<td>3 1/4 in. - 83 mm</td>
<td>1/2 in. - 13 mm</td>
<td>46332</td>
</tr>
<tr>
<td>384</td>
<td>4 in. - 102 mm</td>
<td>1 1/4 in. - 32 mm</td>
<td>46337</td>
</tr>
<tr>
<td>385</td>
<td>5 in. - 127 mm</td>
<td>1 1/2 in. - 38 mm</td>
<td>46338</td>
</tr>
<tr>
<td>564C (One blade serrated)</td>
<td>4 in. - 102 mm</td>
<td>3/8 in. - 10 mm</td>
<td>46334</td>
</tr>
</tbody>
</table>
TWEEZERS

- **5SA** — Needle sharp tips. Excellent for die attaching, wire bonding, and handling miniature parts. Anti-acid/anti-magnetic stainless steel. Brushed satin finish.
- **7SA** — Extra fine curved tips for working on miniature assemblies. Curved tips allow hand to rest on work surface for support, which means greater accuracy with less fatigue. Anti-acid/anti-magnetic stainless steel. Brushed satin finish.
- **7C** — Same design as the 7SA but made of carbon steel. Chrome plated for extra protection.
- **226** — Same design and serrated points as the 231 but made of carbon steel. Chrome-plated for added protection
- Made in the U.S.A.
- Weight: 7 oz (198 g)

<table>
<thead>
<tr>
<th>Model</th>
<th>Full Length</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA-SA</td>
<td>4-7/8 in. / 124 mm</td>
<td>46056</td>
</tr>
<tr>
<td>5-SA</td>
<td>4-1/4 in. / 108 mm</td>
<td>46029</td>
</tr>
<tr>
<td>7-SA</td>
<td>4-1/2 in. / 114 mm</td>
<td>46034</td>
</tr>
<tr>
<td>7C</td>
<td>4-1/2 in. / 114 mm</td>
<td>46032</td>
</tr>
<tr>
<td>231</td>
<td>4-3/4 in. / 121 mm</td>
<td>46011</td>
</tr>
<tr>
<td>226</td>
<td>4-3/4 in. / 121 mm</td>
<td>46009</td>
</tr>
</tbody>
</table>
AW, AWG Anti-Wicking Tools

**AW Series**: Bullet-shaped head grips conductor, supports insulation

**AWG Series**: L-shaped head affords greater visibility. Works well in tightly confined solder areas

- Precision-made from non-fatiguing copper alloy
- Fully chrome-plated for extended life and solder-free operation
- Heads drilled to precise tolerances for positive conductor contact and maximum thermal conductivity
- Insures compliance with military and NASA specifications on inspection requirements of solder connections when used properly
- Reverse action automatically grips conductor
- Part numbers give correct AWG size wire that tools are made to fit
- Meets all specifications for soldering both single and multi-strand wire
- Made in the U.S.A.
- Weight: 7 oz (198 g)

<table>
<thead>
<tr>
<th>MODEL*</th>
<th>FULL LENGTH</th>
<th>CONDUCTOR DIAMETER</th>
<th>PART NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AW 18</td>
<td>5 in. / 127 mm</td>
<td>1/16 in. / 1.59 mm</td>
<td>.046 - .047 in. / 1.17 - 1.19 mm</td>
</tr>
<tr>
<td>AW 20</td>
<td>5 in. / 127 mm</td>
<td>1/16 in. / 1.59 mm</td>
<td>.035 - .036 in. / .89 - .91 mm</td>
</tr>
<tr>
<td>AW 22</td>
<td>5 in. / 127 mm</td>
<td>1/16 in. / 1.59 mm</td>
<td>.028 - .029 in. / .71 - .74 mm</td>
</tr>
<tr>
<td>AW 24</td>
<td>5 in. / 127 mm</td>
<td>1/32 in. / .79mm</td>
<td>.022 - .023 in. / .56 - .58 mm</td>
</tr>
<tr>
<td>AW 26</td>
<td>5 in. / 127 mm</td>
<td>1/32 in. / .79 mm</td>
<td>.017 - .018 in. / .43 - .46 mm</td>
</tr>
<tr>
<td>AW 28</td>
<td>5 in. / 127 mm</td>
<td>1/32 in. / .79 mm</td>
<td>.012 - .014 in. / .30 - .36 mm</td>
</tr>
<tr>
<td>AW 30</td>
<td>5 in. / 127 mm</td>
<td>1/32 in. / .79 mm</td>
<td>.010 - .011 in. / .25 - .28 mm</td>
</tr>
<tr>
<td>AWG 18</td>
<td>4-1/2 in. / 114 mm</td>
<td>1/16 in. / 1.59 mm</td>
<td>.046 - .047 in. / 1.17 - 1.19 mm</td>
</tr>
<tr>
<td>AWG 20</td>
<td>4-1/2 in. / 114 mm</td>
<td>1/16 in. / 1.59 mm</td>
<td>.035 - .036 in. / .89 - .91 mm</td>
</tr>
<tr>
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<td>4-1/2 in. / 114 mm</td>
<td>1/16 in. / 1.59 mm</td>
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<td>AWG 28</td>
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<tr>
<td>AWG 30</td>
<td>4-1/2 in. / 114 mm</td>
<td>1/32in. / .79 mm</td>
<td>.010 - .011 in. / .25 - .28 mm</td>
</tr>
</tbody>
</table>

* Model numbers give correct wire size tools are made to fit

Phone: 860-635-2200
RFNP / RFNP-S

- ESD Safe and ergonomic slip free dual-compound thermoplastic grips for maximum comfort and durability
- Smooth wide jaws for fine assembly applications such as electronics and fine mechanics
- Drop-forged, hardened and tempered steel alloy, designed for maximum strength and performance
- Pliers are suitable for work on ESD work stations in accordance with IEC 61340-5-1 surface resistance $10^6 - 10^9$ ohms/sq

RFNP Long Flat Nose Pliers
- Length: 5.7 in., 145 mm
- Weight: 89 g, 3.1 oz
- Part No.: 46474
- Made in Germany

RFNP-S Short Flat Nose Pliers
- Length: 5.1 in., 130 mm
- Weight: 61 g, 2.2 oz
- Part No.: 46475
- Made in Germany

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Long Nose Plier
- Perfect for precision assembly work
- Ideal for mechanics, technicians and hobbyists
- Spring closing action holds parts so they don’t slip during assembly
- Narrow width; .25 in. (6.35 mm)
- Soft plastic coated handles
- Made in the U.S.A.
- Length: 9.25 in. (234.95 mm)• Length: 5.1 in., 130 mm
- Weight: 77 g, 2.7 oz
- Part No.: 80285
- Made in Taiwan
DESoLDErING GUNS

• Complete range of professional quality desoldering tools for solder removal
• Tools feature PTFE or silicon rubber nozzles (see below)
• Extraction springs located outside the vacuum chamber to prevent solder sticking and promote long life
• Anti-static gun versions feature carbon impregnated tips and polished aluminum bodies to provide conduction from the desoldering point through to the operator (some plastic bodies, see below)
• Made in China

PRODUCT (Part No.)       A B C D E

39459  DSG MINI AS 59802
        Mini Antistatic De-soldering Tool

39455  DSG PRM 587
        DSG PRM De-soldering Tool fitted with micronozzle

39467  DSG 587 AS
        The anitstatic version of the DSGPRM

39461  VALUVAC 574 AS
        Black antistatic plastic bodied VAL-U-VAC with PTFE nozzle

39463  FLEXIVAC 2006
        Black plastic bodied VAL-U-VAC with the flexi nozzle

39466  FLEXIVAC 2009
        3 position antistatic FLEXIVAC with the flexi nozzle

NB: All Anti-Static Desoldering Guns comply with European Standards CECC 15, relating to the safeguarding of static sensitive components.
SOFTY® ANTI-STATIC DISPOSABLE WORK MATS

- Cushioned surface protects delicate assemblies and expensive work surfaces
- Make small parts handling easier and quicker
- Inexpensive and disposable
- Anti-static and free from contamination
- Depress easily to give tools a sure grip on parts
- Backing is non-slip, even on smooth glass
- Will not put carbon into the atmosphere
- Can be cleaned with soap and water without affecting their anti-static quality
- Available in two sizes of mats or rolls
- Surface resistivity $10^{10} - 10^{11}$ ohms/sq
- Meets DOD-STD-1686 for anti-static material
- Meets DOCFF1-70 test for flammability
- Made in U.S.A.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SIZE</th>
<th>PACKAGING</th>
<th>PART NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>M11 White</td>
<td>11 in. x 14 in. (279 mm x 356 mm)</td>
<td>Single</td>
<td>46180</td>
</tr>
<tr>
<td>M14 White</td>
<td>14 in. x 22 in. (356 mm x 559 mm)</td>
<td>Single</td>
<td>46183</td>
</tr>
<tr>
<td>R22 White</td>
<td>22 in. Width (559 mm) *180' (55 m) per roll</td>
<td></td>
<td>46281</td>
</tr>
</tbody>
</table>
PDT-66/110
Punch Down Tool
- This spring-loaded adjustable, automatic impact tool is used for terminating wires on 110/88 or 66 – type connecting blocks
- Precision hardened and interchangeable blades spread the termination prongs to allow fast and easy insertion of the wire into the contact, providing a tight termination that resists corrosion. The blade finishes the job in the same motion by neatly cutting off excess wire
- Accepts a variety of interchangeable blades
- No screwdriver is needed to change the blades
- The impact of the blade can be adjusted simply by turning a thumb wheel
- Convenient storage compartment with a unique locking mechanism provides storage for spare blades
- Replacement Blades: 110/88 Part No.: 46268
110/66 Part No.: 46269
- Length: 5.75 in. (146 mm)
- Weight: 5.1 oz (145 g)
- Part No.: 46271
- Made in Taiwan

RJC
RJ Crimping Tool
- Crimps RJ10, RJ11, RJ12, RJ22 and RJ45 modular connectors (4P, 6P, 8P)
- Comfortable and ergonomic plastic grips
- Wire cutter and jacket stripper built into tool body
- Easy release ratcheting mechanism for ease of assembly
- Ratchet mechanism can be released mid-cycle
- Length: 7-3/4 in. (197 mm)
- Weight: 12 oz (340 g)
- Part No.: 80756
- Replacement Blades: Part No.: 80757
- Made in Taiwan
**BTC**

**BT/RJ Crimping Tool**

- Crimps British Telecom 430A/431A, BT 630A/631A, RJ 11/12 and RJ45 modular connectors
- Comfortable and ergonomic plastic grips
- Wire cutter and jacket stripper built into tool body
- Easy release ratcheting mechanism for ease of assembly
- Ratchet mechanism can be released mid-cycle
- Replacement Blades (pkg of 2) Part No.: 80575
- Length: 197 mm (7-3/4 in.)
- Weight: 340 g (12 oz)
- Replacement Blade: Part No.: 80757
- Part No.: 40000
- Made in Taiwan

**SMART-STRIP**

**Data Cable Stripper**

- Versatile and compact tool suitable for all types of standard insulation
- Smart-Strip produces an accurate depth of cut to any standard insulated size of wire or cable in the 0.03 to 0.39 in. (0.75 - 10 mm) range
- Strips UTP & STP data network cable
- Detailed depth adjustment mechanism allows the operator to change settings across standard insulations and a variety of delicate and irregular shielded multicore cables
- Spring loaded action
- Fixed depth version also available
- Weight: 1.4 oz (40 g)
- Dimensions: 3.8 x 0.75 x 1.5 in. (97 x 19 x 38 mm)
- Part No.: 39470
- Made in China
LDT-UTP, DDT-UTP

UTP Jacket Trimmer

- LDT-UTP is used for stripping the jacket on CAT5, CAT5E and CAT6 UTP/STP cables
- DDT-UTP combo design is used for stripping the jacket on CAT5, CAT5E, CAT6 and the larger O.D. 10G types of UTP/STP cables
- Molded blade cassette ensures precise jacket stripping with no nicking/scoring of the twisted pair conductors
- Factory pre-set cassette blades requires no adjustment by the installer
- DDT combo model reduces the number of tools required to prepare various sizes of twisted pair (UTP/STP) cable
- Note: Tool is not intended for Plenum Series Cable construction

Replacement Cassettes (two/package)
- RC-UTP (Part No.: 42687); Made in the U.S.A.
- RC-UTP-10G (Part No.: 42768); Made in the U.S.A.

- LDT-UTP
  * Length: 4 in. (102mm)
  * Weight: 0.8 oz (23g)
  * Part No.: 42688

- DDT-UTP
  * Length: 3.63 in. (92.08mm)
  * Weight: 2.0 oz (57g)
  * Part No.: 42452

- Made in the U.S.A. with parts from U.S.A. and China