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## Fiber Optic Hand Tools

Miller Fiber Optic Hand Tools

## FO 103-T-250-J “Tri-Hole” Fiber Optic Stripper



### Description

New three-hole model performs all common fiber stripping functions in one compact tool.

### Specifications

- 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)
- Length: 5.375 in. (137 mm)
- Weight: 2.5 oz (71 g)

## MSAT 5 Mid-Span Access Tool



### Description

Allows easy mid-span access to optical fibers in loose buffer tubes and can access tube sizes from 1.9 mm to 3.0 mm.

### Specifications

- Shaves precise opening to prevent fiber damage.
- Sizing channels to easily determine tube size.
- Locking mechanism ensures tool will remain closed through entire shaving operation.
- Replacement Blade: Part No.: 80935 (5 Blades – 2 screws)
- Dimensions: 3.9 x 1.5 x 0.7 in. (99 x 38 x 18 mm)
- Weight: 1.36 oz (38.5g)

# MSAT™ 16

## Mid-Span Access Tool



### Description

Introducing the new MSAT™ 16, an exciting new solution designed to easily size and access fibers in buffer tubes ranging from 1 to 3 mm diameters in mid-span applications.

### Specifications

- Safe, compact & ergonomic design fits comfortably in hand for easy operation without risk of injury.
- 16 Unique diameter settings accommodate buffer tubes ranging from 1 mm to 3 mm.
- Convenient built-in sizing channels quickly determine proper setting for a wide variety of buffer tubes.
- Patent-pending design features a self-aligning, easy-to-load buffer tube channel that supports & guides the tube through precision shaving operation.
- Rugged polymer construction is lightweight & durable.

# FTS

## Fiber Tube Scorer



### Description

Meant for wire and cable preparation, this precise one step buffer tube scorers unique design easily scores buffer tube sizes from 106 mm to 6.0 mm, eliminating the need for multiple tools.

### Specifications

Precise one-step buffer tube scorer.

Unique design easily scores buffer tube sizes from 1.6 mm to 6.0 mm.

Eliminates the need for multiple tools.

Factory fixed hardened carbon steel blade that requires no adjustment.

- Body made of strong resilient acetal polymer.

Dimensions: 3.75 x .625 in. (95.53 mm x 15.92 mm)

- Weight: 1oz (28g)

## KS-1 Kevlar® Shears Cutter



### Description

Lightweight shears ideal for cutting Kevlar® strength members found in fiber optic cable construction.

### Specifications

- 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.
- Nylon pouch only
- Length: 5.5 in. (140 mm)
- Weight: 2.8 oz (79 g)

## RCS-114 / RCS-158 Round Cable Strippers



### Description

Cable preparation tools designed for fast, safe and precise jacket removal of PE, PVC, rubber and other jackets. Excellent tools for precise jacket stripping of fiber optic multi-fiber cables.

### Specifications

- 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 with easier removal of jackets.
- Spring-loaded cable brace firmly secures cable to the blade for controlled cutting.
- Comfort and ergonomic design with Long life blade for ease of use and storage.
- Blade depth can be regulated by simply turning the blade housing.
- Blade housing is PTFE coated, for smooth, low effort stripping.
- 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)

# MDP-4 Dispensing Pump



## Description

Square HDPE 4 oz (118 ml) container with stainless steel pump, used with Isopropanol for proper and stable cleaning of fiber during the cable preparation.

## Specifications

- Square HDPE 4 oz (118 ml) container.
- 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.
- Container is not supplied with liquid.
- Dimensions: 3.1 x 2.1 in. (79 x 54 mm)
- Weight: 2.3oz (65g)



# MDP-8 Dispensing Pump



## Description

Oval (Euro Style) container design with rectangular bottom for stability, used for dispensing Polypropylene with a Twist-lock pump that provides leak-free seal for storage and travel.

## Specifications

- Oval (Euro Style) design with rectangular bottom.
- Leak-free seal Twist-lock pump 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.
- 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)

## ACS / ACS-2 Armored Cable Slitter



### Description

Professional grade tool ideal for slitting the corrugated copper, steel or aluminum armor layer on Fiber feeder, central tube and stranded loose tube fiber optic and cables. Versatile design allows jacket or shield slitting on non-fiber cables and slitting outer polyethylene jacket and armor in one operation.

### Specifications

- Performs longitudinal slitting and circumferential (ringing) for end stripping
- Blade rotates 90 degrees 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.
- Adjustable blade depth to 5.5 mm to accommodate different cable jackets.
- Cable guide wheel provides cable stability easy tool movement along the cable.
- Rugged anodized aluminum and steel construction.
- Cable guide wheel for smaller cable sizes can be ordered separately.
- Height: 5 in (127 mm)
- Weight: 10 oz (284 g)

# FDS Fiber Drop Stripper



## Description

Designed for stripping flat drop Fiber Cable used in FTTH “Fiber to the Home” applications. With one step stripping action that removes the jacket in two locations, top and bottom, which exposes the dielectric strength members and allows quick removal of the jacket.

## Specifications

- Tool is small and has a lightweight polymer body for ease of use.
- Easily strips Flat Drop lengths of 2-15 feet plus.
- One step stripping action.
- One tool only for stripping Flat Drop Fiber Cable.
- Length: 3.75 in (95mm)
- Weight: 6.8oz (193g)

## BTC BT/RJ Crimping Tool



### Description

Crimp tool BT/RJ style. Miller BTC. Capable of crimping BT 430A/431A, BT 630A, RJ 11/12 and RJ45 connectors. Tool includes built-in wire cutter and jacket stripper and has easy-release ratcheting mechanism which allows for mid-cycle release.

### Specifications

- Crimps British Telcom 430A/431A, BT 630A/630A.
- 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.
- Length: 197 mm (7-3/4 in)
- Weight: 340 g (12 oz)

# SMART-STRIP

## Data Cable Stripper



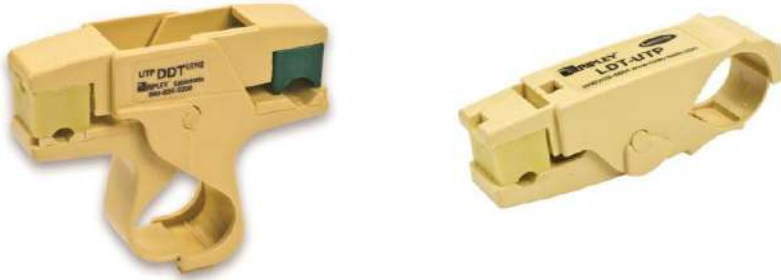
### Description

The SMART-STRIP is an insulation cutting tool for various insulated wire or cable in the 0.03" - 0.39" range. The tool typically works on soft vinyl jackets found on CAT5, CAT6, CAT7, or other data network cable.

### Specifications

- Versatile and compact tool suitable for all types of standard insulation.
- Adjustable stripping blade for depth of cut from 0" to 1/8".
- Strips UTP & STP data network cables.
- Detailed depth adjustment mechanism.
- Suitable Standard insulations 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 inches (97 x 19 x 38 mm)

# LDT-UTP / DDT-UTP UTP Jacket Trimmer



## Description

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.

## Specifications

- Molded blade cassette ensures precise jacket stripping.
- No nicking/scoring of the twisted pair conductors.
- Factory preset cassette blades that requires no adjustment.
- DDT combo model for various sizes of twisted pair (UTP/STP) cables.
- Note: Tool is not intended for Plenum Series Cable construction.
- LDT-UTP Length: 4 in (102mm)  
Weight: 0.8 oz (23g)
- DDT-UTP Length: 3.63 in (92.08mm)  
Weight: 2.0 oz (57g)

## STR Steel Tape Remover



### Description

Cable preparation tool that easily opens/separates the steel tape armor on fiber optic cable. Unique counter rotation mechanism opens steel tape armor in 2.5-3.5 turns allowing for cutting of the armor.

### Specifications

- Separates steel tape armor from fiber.
- Unique counter rotation mechanism.
- Opens steel tape armor in 2 1/2 – 3 1/2 turns.
- Accomodates steel tape armor from 1–2 mm OD.
- Neodymium rare earth magnet holds tool halves together.
- 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)

# IET

## Insertion–Extraction Tool



### Description

Compact, easy to use tool made perfect for insertion and extraction of connectors in patch panels. Has asy grip handles for secure hold without slipping.

### Specifications

- 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.
- Tool tip design insures positive gripping without slipping.
- Spring loaded tool action and ergonomic grip.
- Easy, comfortable and precise with 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 (100 g)