



Manufacturer:
Phenix FO

Product Name:
Phenix fibersect.multi.2™, Mechanical Connector Cleaver for Multi-Fiber Connectors

Manufacturer Part Number:
PNX-FS-02

Overview

The fibersect.multi.2™ quickly cuts off the epoxy and fibers protruding from the face of connector ferrules during the installation process. In less than one second, it produces a flat cut close to the MT ferrule face, creating the ideal surface for polishing. Throughput is improved by eliminating manual steps such as hand cleaving, de-rubbing and epoxy removal. The multi.2 is optimized for cutting 4 to 72 fiber MT ferrules as well as large diameter fibers used with SMA connectors. With a simple one button operation, small footprint, and battery power, the fibersect.multi.2 provides exceptional versatility, portability, and ease of use in the production environment.



Inserting the MT ferrule



2x12 MT ferrule, 100 µm cut

Features and Benefits

- Optimized for cutting up to 72 fiber MT and MT-APC ferrules as well as SMA connectors with larger fiber diameters
- Simple one button operation; requires minimal operator training
- Fast cutting cycle
- Long saw lifetime
- Small footprint, lightweight, portable, battery powered
- Fast, easy cut length adjustment
- Quick adapter change
- Safely collects cutting waste
- Options: Connector and ferrule adapters, vacuum waste collection, footswitch cut actuator, cut counter

Specifications

- Recommended adapters: MT, MT-APC, and SMA with fiber diameter of 300-2000 µm
- Custom adapters are available
- Cut cycle time: <1 sec for MT and MT-APC ferrules; <4 sec for SMA connectors with 1000 µm fibers
- Recommended cut length from ferrule face: 100 µm for MT and MT-APC; 150 µm for SMA connectors
- Adjustable cut length from ferrule face: 0-600 µm; 5 µm adjusting resolution
- Maximum fiber protrusion from ferrule face before cutting: 10 mm
- Cut angle: <+/- 0.5°
- Adapter changeover time: <30 sec
- Warranty: One year or 600,000 cuts, whichever comes first when cutting 12-fiber epoxied MT ferrules
- Power: 100-240 Vac, 50-60 Hz, 0.48 A; with rechargeable battery
- Battery capacity: >400 cuts when cutting 12-fiber epoxied MT ferrules
- Dimensions: W x D x H / 3.75 x 5.25 x 3.50 in / 95 x 133 x 89 mm
- Weight: 2 lbs / 0.9 kg

Contact the professionals at Fiber Optic Center for a quote or to get more details.

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