FTTX Product Catalog

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FTTX Equipment

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Fusion Splicer

The fusion splicer features core/cladding and manual alignment with a 5-second splicing time and 15-second automatic preheating cycle. It uses a six-motor auto-focus system and is compatible with single-mode (G.652/G.657), multimode (G.651), dispersion-shifted (G.653), and non-zero dispersion-shifted (G.655) optical fibers. The typical splice loss is 0.025 dB for SM, 0.01 dB for MM, and 0.04 dB for DS/NZDS fibers, with a return loss greater than 60 dB. It incorporates real-time arc calibration technology to ensure consistent, high-quality splicing.

The machine supports fiber cladding diameters of 80–150 ?m and coating diameters of 100–1000 ?m, with a cleave length of 8–16 mm depending on the coating size. It includes built-in LED lighting for low-light operation, performs a 2 N standard tension test, and comes with a 3-in-1 fiber holder suitable for SM, MM, bare fiber, pigtails, rubber-insulated fibers, and multi-fiber cables.

The unit provides 300× magnification for X or Y view and 150× magnification for X and Y view on a 5-inch TFT color display, with both normal and high-precision splicing modes. Splicing records can be synchronized to a smartphone and backed up to unlimited cloud storage.

Powered by a 7800 mAh lithium battery, the splicer requires approximately 3.5 hours to fully charge and supports up to 260 splice-and-heat cycles per charge. It operates on AC 100–240 V (50/60 Hz) with a DC 13.5 V/4 A output, while continuously monitoring battery status in real time.

Designed for field use, the equipment operates in temperatures ranging from ?15°C to +50°C, at less than 95% relative humidity (non-condensing), altitudes up to 5,000 m, and wind speeds of up to 15 m/s. It is compatible with 40 mm and 60 mm heat-shrink protection sleeves.

The integrated 15 mW Visual Fault Locator (VFL) supports both continuous and 2 Hz flashing modes, while the built-in Optical Power Meter operates at 850, 1300, 1310, 1490, 1550, and 1625 nm, offering a measurement range of ?70 to +6 dBm with an absolute accuracy of better than ±0.3 dB within the ?50 dBm to +3 dBm range.

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Cable Anchor Clamp

Fiber Optic pa Plastic Dead End FTTH Clamp Anchoring Branch Aluminium Wedge Clamp Tension Adss Wire
Cable Anchor Clamp

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No Image	**Drop Cable Hook Galvanized Steel** Factory Price FTTH Drop Cable Hook Galvanized Steel Plum Blossom Hook Pole Mount Bracket for Aerial Fiber Drop Wire Installation
No Image	**Fiber Optic Patch Cable** Simplex/duplex SC/UPC 1core 2core Optic Fibra Cable Patch Cord Monomodo Simplex 9/125 Fiber Optic Patch Cable
No Image	**FTTX Multifunction Smart Fiber Optic Tester Mini OTDR ATO-A1-S20 4 Ports 1550nm 20dB Optical Time Domain Reflectometer** Features 1. 4.3-inch HD touch screen 2. Measure distance as short as 2 meters 3. Event Dead Zone: 1.2m; Attenuation Dead Zone: 5.5m 4. 10 cm resolution for accurate mapping of event 5. Support multi-result analysis segment return loss event detection point return loss multi-trace comparing fiber attenuation by least square method fiber attenuation by two point method results corresponding to segments interface screen shot for any display 6. Cover full range of user interface USB A Type Micro-USB, SanDisk 7. Ultra-High Capacity Battery that enables continuous use in the wild and support charge with portable power bank 8. Support peripherals like mouse and keyboard (For simultaneous use, please expand with USB HUB) 9. Support both horizontal and vertical displays 10. Support RJ45 cable test
REFLECTORS	
No Image	**REFLECTORS** Safety vest
Safety Shoes	
No Image	**Safety Shoes Fashion Style** Men's Casual Safety Shoes Fashion Style MD Rubber Sole TPU Upper Metal Steel Toe Very Comfortable

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