

FIBER OPTIC TEST EQUIPMENT FOR INSTALLATION & MAINTENANCE OF FIBER OPTIC SYSTEMS



Model FR3

Model FiberRanger 3

The FR3 is a low cost, fully functional mini-OTDR in a ruggedized case used for installing and maintaining fiber optic systems. The mini-OTDR is available in multimode, singlemode or both with single, dual, tri, or quad wavelengths. Each unit can store 255 Traces, and measure dB/Km, 2-Point and Splice Loss. Used with the Certification Software, the mini-OTDR enables the user to document and certify networks.



Visible Fault Locator

Model F6230A

The pocket visible fault locator should be in every fiber optic technician's tool box. Ideal for locating tight bends, crimps, bad connectors and testing the continuity of fiber optic spans and patch cords. Unit comes with a universal connector which will accept any connector style with a 2.5mm ferrule. Can be used for singlemode and multimode. Optional adapter for 1.25mm ferrules is available.



Model F6222

Optical Fiber Identifiers

Models F6121A, F6222, F6222C and F6121R OFIs are non-intrusive probes widely used in installation and maintenance of fiber optic systems. These units can detect light or dark fiber, direction of traffic, relative core power (F6222/C), and test tones. Units also provide audible tone, and come with three interchangeable heads; 3mm, 250µm/Rib, & 900µm.

Optional 2mm and 1.6mm adapter heads are available. The new F6121R is designed specifically for 2 to 12 count bare or jacketed ribbon fiber. Models now available with "hands-free" operation feature.



**Models HFS 200x
HFS 400x**

Hand-Held Microscopes

Both units allow the user to visually inspect connectors for cleanliness and polish during connector assembly. Both units are ideal for a variety of applications.

- Universal 2.5mm adapter
- LED Illumination
- IR Filter
- 3 AAA Batteries
- Other adapters available



Model T339E

Ruggedized Optical Power Meter

This ruggedized hand-held meter is designed for extreme use by outside field personnel. Can be used for multimode and singlemode applications.

- +5 dBm to -70 dBm
- 850, 1300, 1310 & 1550nm wavelengths
- Reference store
- Auto Shut-off
- Wide adapter choices



**Model FM1318 -
Model FM1318C -
Model FS1318 -**

FTTx Power Meters & Light Source

All units allow testing of passive optical networks (PONS) at the three main wavelengths (1310, 1490 and 1550nm) as recommended by the ITU-T (G.983.3) for use in fiber-to-the-home (FTTH) and fiber-to-the-premise (FTTP) networks.

- (+5 dBm to - 70 dBm)
- (+26 dBm to - 40 dBm)
- (1310nm, 1490nm & 1550nm)



LTS-10

Fiber Optic Loss Test Kits

All standard and custom test kits can be designed for singlemode or multimode use, and come equipped with a three wavelength power meter, a light source, launch cable, power meter adapter cap, and hard carrying case. These kits are ideal for accurate measurement of power level and loss measurements.



Model FR2

Optical Fault Locator

The FR2 Fiber Ranger is a hand-held, easy to use optical fault locator for multimode and singlemode applications. With its easy to use *single* button measuring key, the unit is ideal for locating breaks and end of fiber up to 20Km away. The unit has user selectable features such as feet or meters, and Index or Refraction (IOR).

CO AND CPE ADSL2+ POTS SPLITTERS FOR FAST INTERNET ACCESS



PS-15-13S

ADSL2+ Master POTS Splitter For Indoor Customer Premise Mounting

The PS-15 is a low pass filter and considered a master POTS splitter that works with all ADSL coding schemes with unlimited bandwidth. It can be mounted inside the customer premise near where the phone service enters the building. This ADSL POTS Splitter provides both RJ connectors and screw terminals for installation flexibility.



PS-11

ADSL2+ Master POTS Splitter For Customer Premise NID Box Mounting

The PS-11 is a low pass filter and considered a master POTS splitter that works with all ADSL coding schemes with unlimited bandwidth. It can be mounted inside the customer premise NID Box. This ADSL POTS Splitter's foot-print is the size of a standard station protector making it more universal for mounting in various NID box enclosures.



PS-11-RTM

ADSL2+ Master CPE Splitter / Ring Trip Mitigator

The PS-11-RTM is optimized for video over DSL subscribers of less than 9,000 feet (2745 m). The unique design of the PS-11-RTM addresses specific concerns effecting video such as ring-trip problems. When used in conjunction with Wilcom's ADSL2+ CO PS-4100 splitter series, modem re-syncing is virtually eliminated. This splitter mounts inside the customer premise NID Box, and its' unique foot-print makes it more universal for mounting in various NID box enclosures.



PS-4401

Central Office ADSL2+ Double Density Splitter Shelf

Wilcom's PS-4401 is the industries highest density ADSL2+ POTS splitter in a one rack-unit design. This 96 port 1 RU design along with Wilcom's proven performance makes it the perfect Central Office splitter. The high-density, temperature hardened splitter has both *differential* and *common mode protection* creating the perfect splitter for remote cabinets.



PS-4103

Central Office ADSL2+ POTS Splitter Shelf High Density Shelf

The PS-4103 high density design permits up to 144 splitter ports in a single 3 EIA rack unit (5.25") shelf, or the PS-4101 with 48 splitter ports in a single 1 EIA rack unit (1.75") shelf. Both units comply to NEBS and ANSI T1.413-98. They also provides Life-Line POTS which prevents POTS interruption if a card is removed. No power is required and the shelves can be mounted in 19" or 23" relay racks with supplied mounting hardware. Both Shelves deliver excellent TIA/EIA crosstalk performance making them ideal for video applications.



PS-55-MDx

CO or CPE ADSL2+ POTS Splitter Block

The PS-55-MDx contains 24 ADSL2+ ports, and can be ordered as a CPE Master Splitter or a CO Splitter. Both solutions are ideal for Multi-Dwelling and Multi-Tenant environments. Each unit is available with BIX type connectors or 110 type connectors for direct wiring connections of the LINE, POTS and DATA connections. The unique foot-print of the PS-55-MDx is similar in size to a standard M-66 punch down block making it ideal for wall mounting applications.

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