

Fiber Optic Test Equipment For Installation & Maintenance



FR-3 Mini-OTDR

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.



F6230A Visible Fault Locator

The Wilcom 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. This unit comes with a universal connector which will accept any connector style with a 2.5mm ferrule and can be used for singlemode and multimode. An optional adapter for 1.25mm ferrules is available.



Optical Fiber Identifiers

Models F6121A, F6222/C, F6121R and F6225 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, F6225) 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 **F6225 Extended Range OFI** is designed specifically for both the Telecom & CATV industry. Models now available with "hands-free" operation feature.

Hand-Held Microscopes

The HFS-200x and HFS-400x allow the user to visually inspect connectors for cleanliness and polish during assembly and are ideal for field or factory applications.



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



T339E Ruggedized Power Meter

This ruggedized, metal enclosed, hand-held meter is designed for extreme use by outside field personnel and 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



FTTx Power Meter & Light Source

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

FM1318	Power Meter	(+5 dBm to -70 dBm)
FM1318C	Power Meter	(+26 dBm to -40 dBm)
FS1318	Laser Source	(1310nm, 1490nm & 1550nm)



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, light source, launch cable, power meter adapter cap and a hard carrying case. These kits are ideal for accurate measurement of power level and loss.



FR-2 Optical Fault Locator

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

Network Solutions for CO & CPE



PS-15 / PS-36

ADSL2+ / VDSL2 CPE Fault Tolerant Splitter

The Wilcom PS-36 is ideally suited for video over xDSL applications such as IPTV (Internet Protocol Television) over ADSL2+ or VDSL2.

The PS-36 provides **robust ring-trip protection for non-zero cross ringers to eliminate video pixilation**. Both units can be mounted inside the customer premise where the phone service enters the building. These xDSL master POTS Splitters provides both RJ-11 or RJ-45 jacks and screw terminals for maximum installation flexibility.



PS-11 / PS-32

ADSL2+ / VDSL2 Master POTS Splitter

For Customer Premise NID Box Mounting

Unlike a microfilter, the PS-11 and PS-32 master POTS splitters provide maximum bandwidth for all existing xDSL technologies

which allows for full rate applications such as video over DSL. The splitters are similar in size to a standard station protector and can be conveniently mounted in the Telco side of the customer NID box. This form-factor will fit in most NID enclosures that have room for an additional station protector.

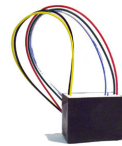


PS-410x Series

ADSL2+ / VDSL2 CO POTS Splitter Shelf

The PS-410x high density modular design permits up to 144 splitter ports in a 3 EIA rack unit (5.25") shelf, 96 ports in a 2U shelf, or 48 ports in a 1U shelf. All models

are equipped for both 19" and 23" mounting widths. The PS-401x series are fully compliant with NEBS Level 3 and ANSI/ITU-T xDSL standards. These versatile splitters also provide "Life-Line" POTS which allows dial tone to the customer even when a splitter card is removed. Additionally, all models deliver excellent TIA/EIA crosstalk performance for video applications.

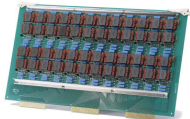


DSL-600

Universal Mount ADSL2+ POTS Splitter

The DSL-600 Splitter provides a filtered analog pair for connection to the inside POTS wiring and a xDSL pair for direct connection to the DSL modem. The

Universal POTS Splitter installs easily on the customer side, or network side of the NID, or in most other confined locations with simple wire splice connections. The reliable, weatherproofed design is ideal for locations that may not be suitable for other POTS splitters. Sealed 3M splices and mounting adhesive are included.

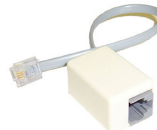


PS-4100-xx / PS-6900-xx

ADSL2+ / VDSL2 POTS Splitter Card

The PS-6900 is ideally suited for video over xDSL applications such as IPTV (Internet Protocol Television) over ADSL2+ or VDSL2. The PS-6900 is a 24

port, fault tolerant VDSL2 CO POTS splitter card that is fully backwards compatible with all ADSL standards, allowing current and future xDSL standards to coexist in a single system. The PS-6900 can be installed in any PS-410x series shelf. The PS-6900 also provides **robust ring-trip protection for non-zero cross ringers to eliminate video pixilations**.



x-150 Series RFI POTS Filters

The x-150 products are single pair, in-line filters designed to attenuate RFI up to 57 dB on analog lines from 75 kHz to 150 MHz.

The filters require no external grounding and are balanced to 600 ohms with an off-hook insertion loss of less than 0.1 dB at 1004 Hz, thus ideal for applications such as telephones, PBX trunks, fax machines and analog PC modems. The M-150 can be placed at the telephone set, or at an RJ-11 modular connecting block. The A-150 is a weatherproofed unit ideal for NID mounting and uses wire pigtailed for connection.



Fiber Optic Jumpers

Wilcom offers a comprehensive selection of multimode and singlemode jumpers for telco and data center requirements. All standard simplex/duplex connectors,

jacket designs and lengths can be provided. Most cables configurations are in stock and can ship immediately.



Made in the USA

Wilcom