

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



Model FR3

## 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.



## 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/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

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.



Models HFS 200x  
HFS 400x

- 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



## 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.

- Model FM1318 - (+5 dBm to -70 dBm)
- Model FM1318C - (+26 dBm to -40 dBm)
- Model FS1318 - (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+ and VDSL2 POTS SPLITTERS FOR Triple play delivery



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-36

## ADSL2+ / VDSL2 Fault Tolerant CPE Splitter

The Wilcom PS-36 is ideally suited for video over DSL applications such as IPTV (Internet Protocol Television) over ADSL2+ or VDSL2. The PS-36 includes **robust ring-trip protection for non-zero cross ringers to eliminate video artifacts due to pixelization**. 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-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.



PS-6900

## ADSL2+ / VDSL2 CO POTS Splitter Card

The Wilcom PS-6900 is ideally suited for video over DSL applications such as Internet Protocol Television (IPTV) over ADSL2+ or VDSL2. The PS-6900 is a 24 port fault tolerant CO POTS splitter card that is backward compatible with the PS-4101 and PS-4103 CO Splitter Shelves. The PS-6900 includes **robust ring-trip protection for non-zero cross ringers to eliminate video artifacts due to pixelization**.

Wilcom has been manufacturing test equipment for the  
global telecommunications industry since **1967**



Made in the USA

**Wilcom**