

Wilcom Visual Fault Locator

- Convenient "Pen Light" Size Clips to Pocket
- Single-mode or Multi-mode Fiber
- Replaceable AA Battery
- Meets Bellcore TR-NWT-001319 Requirements
- F6231 Class II Laser Visible Beyond 3 km
- Optical Output Port FC, ST or SC
- Identify Tight Bends or Crimps, Faulty Connectors, Damaged Components, Bad Splices and Fiber Breaks
- Test Local Area Networks (LANs) and Fiber Optic Data Links
- Continuous or 1 Hz Pulsed Signal



F6231 ▲

Ordering Information

Order #	Mfg #	Description	Price
MPF6231-ST	F6231-ST	Visual Fault Locator ST Connection	
MPF6231-FC	F6231-FC	Visual Fault Locator FC Connection	
MPF6231-SC	F6231-SC	Visual Fault Locator SC Connection	

Wilcom Optical Fiber Identifier

- Interchangeable Adapter Heads for Jacketed, Coated or Ribbon Fiber
- Measures Power Loss
- Operates From 800 nm to 1700 nm
- Compatible with Most Optical Fiber
- Uses Non-Destructive Technology
- Core Power Sensitivity -40 dBm
- Bi-Directional Traffic Indication
- Detects Presence of 270 Hz, 1000 Hz and 2000 Hz



F6121A ▲

Complete with 9V battery and leather carrying case that attaches to belt or tool pouch

Ordering Information

Order #	Mfg #	Description	Price
MPF6121A	F6121A	Optical Fiber Identifier	
MPF6222	F6222	Optical Fiber Identifier	

Wilcom Optical Fault Locator

- Measure up to Seven Events
- Display is in Feet or Meters
- Single-mode or Multi-mode Fiber Testing
- Optical Output Port FC, ST or SC
- Locate Cable Faults up to 20 km (12 mi.)
- Single Push Button Testing
- Industry Standard 1310 nm
- Replaceable AA Batteries (4)
- Test Wide Area Networks (WANs) and Fiber Optic Data Links



FR2-ST ▲

Dimensions/Weight: 7.7 x 4.0 x 1.7"/0.49 lb.

Ordering Information

Order #	Mfg #	Description	Price
MPFR2-ST	FR2-ST	Optical Fault Locator ST Connection	
MPFR2-FC	FR2-FC	Optical Fault Locator FC Connection	
MPFR2-SC	FR2-SC	Optical Fault Locator SC Connection	

Fluke Fiber Optic Meter

Test fiber optics with your digital multimeter

This fiber optic meter accessory helps you install and maintain fiber optic cable without having to buy a dedicated meter. A variety of light sources and patch cords listed below let you configure for testing different cable types and lengths. Plug the FOM directly into any digital multimeter with a mV DC function and a 10 MΩ input impedance and quickly and accurately verify fiber optic cable system performance.



Each Unit Includes: 9V alkaline battery and instructions.

Specifications

Output:	1 mV per 1 dB
Application Range:	800-1600 nm
Acceptable Fiber Types:	9/125 to 100/140 μm
Operating Range:	-50 to +3 dBm
Absolute Accuracy:	±0.25 dB
Relative Accuracy:	±0.15 dB
Repeatability:	±0.04 dB

Ordering Information

Order #	Mfg #	Description	Price
MP22433E	FOM	Fiber Optic Meter Accessory	
MP22434E-1	FOS-850	Fiber Optic Light Source, 850 nm	
MP22434E-3	FOS-850/1300	Fiber Optic Light Source, 850/1300 nm	
MP22435E-1	FOC-ST/ST	Patch Cord, ST to ST	
MP22435E-2	FOC-ST/FC	Patch Cord, ST to FC	
MP22435E-3	FOC-ST/SC	Patch Cord, ST to SC	
MP22435E-4	FOC-ST/SMA	Patch Cord, ST to SMA	

Wilcom Digital Signal Identifier

- Level Sensitivity up to 6000 Feet of 22g Cable
- Use on SF, ESF, SLC96 and ISDN Systems
- Detects Signals from 0 to -32 dB dsx
- Also Detects 56 kb/s and 64 kb/s
- Non-Intrusive Signal Detection, Never Causes Damage to Wires
- Eliminates Accidental Downtime
- Live Copper Pair Identifier



550 ▲

Ordering Information

Order #	Mfg #	Description	Price
MPD550G	D550G	Digital Signal Identifier Gray	
MPD550R	D550R	Digital Signal Identifier Red	

Megger Fiber Optic Visible Light Source

- 635 nm High Intensity Laser Source MEGGER®
- 9 Times Brighter Than Conventional 670 nm Units
- Visual Location of Sharp Bends, Breaks or Poorly Mated Connectors
- Supplied with Either FC, SC or ST
- Suitable for Single or Multimode Fiber
- Ruggedized Waterproof Housing (169 x 83 x 30 mm) to IP54
- Dry Cell or Rechargeable Operation
- 3-Year Warranty

The MLS635 is a hand-held, stable, visible light source that can be used to visually test optical fiber cables, splices and connectors on both multimode and single mode systems. It can also be used for end-to-end continuity tests, connector identification in patch panels, fiber tracing, and fiber identification during splicing operations.

Each Unit Includes: Patch Cord and Carrying Case

Ordering Information

Order #	Mfg #	Description	Price
MPMLS635SC	MLS635SC	Visible Light Source complete with SC adapter	
MPMLS635ST	MLS635ST	Visible Light Source complete with ST adapter	
MPMLS635FC	MLS635FC	Visible Light Source complete with FC/FC adapter	



▲ MLS635

Megger Fiber Optic Light Sources

- 850 and 1300 nm LED Source (Megger® MLS1000)
- 1310 and 1550 nm Dual Laser Source (Megger® MLS2000)
- FC, SC or ST Optical Connector
- Ultra Fast 30 Second Laser Stabilization
- Wavelength Accuracy: ±30 nm
- High Stability ≤ 0.1 dB (MLS1000); ≤0.05 dB (MLS2000)
- Continuous or 1 kHz Modulated Outputs
- Ruggedized Waterproof Housing (160 x 83 x 30 mm) to IP54
- Dry Cell or Rechargeable Operation
- 3-Year Warranty

MLS1000 and MLS2000 are stable optical sources that can be used in conjunction with optical power meters for optical loss testing of fiber optic cables.

MLS1000 is pre-calibrated to output 850 nm or 1300 nm for an output level of -20 dBm into a 62.5/125 multi-mode fiber. It is particularly suitable for the testing of LAN's, FDDI, and other multimode links inside or outside a building. Other applications for MLS1000 include fiber continuity testing, connector testing, and patch lead testing.

MLS2000 is pre-calibrated to output 1310 nm or 1550 nm respectively for an output level of -6 dBm into a 9/125 singlemode fiber. It is particularly suitable for the testing of SDH, CATV, telecom, and other singlemode links. Other applications for MLS2000 include optical loss and continuity testing, acceptance testing of fiber transmitters and received power testing of optical receivers.

Each Unit Includes: Patch Cord and Carrying Case

Ordering Information

Order #	Mfg #	Description	Price
MPMLS1000SC	MLS1000SC	Multimode Light Source with SC adapter	
MPMLS1000ST	MLS1000ST	Multimode Light Source with ST adapter	
MPMLS1000FC	MLS1000FC	Multimode Light Source with FC/FC adapter	
MPMLS2000SC	MLS2000SC	Singlemode Light Source with SC adapter	
MPMLS2000ST	MLS2000ST	Singlemode Light Source with ST adapter	
MPMLS2000FC	MLS2000FC	Singlemode Light Source with FC/FC adapter	



▲ MLS2000

Megger Multimode Power Meter

- 850, 1300 & 1550 nm Germanium Detector
- Wide Dynamic Range +5 dBm to -60 dBm
- Resolution to 0.1 dBm
- Use with FC, SC, or ST Connectors
- dBm and dBrel (Relative) Measurement Modes
- Can be Used on Single Mode Cables
- Power Down Override During dBrel Measurements
- Ruggedized Waterproof Housing (160 x 83 x 30 mm) to IP54
- Dry Cell (2 x AA) or Rechargeable Operation
- 3-Year Warranty

The MPM1000 is an accurate optical power meter that can be used for optical loss testing of fiber optic cables. It has been pre-calibrated for absolute power levels with reference to 1 mW (dBm) for 850 nm, 1300 nm, and 1550 nm laser frequencies using multi-mode cables. The MPM1000 is accurate to (5% @ -23 dBm (0.22 dB)).

It is particularly suitable for the testing of LAN's, FDDI, and other multimode links. Other applications include fiber continuity testing, connector testing, and patch lead testing.

Each Unit Includes: Patch Cord, Connector, and Carrying Case

Ordering Information

Order #	Mfg #	Description	Price
MPMPM1000SC	MPM1000SC	Multimode Power Meter (SC)	
MPMPM1000ST	MPM1000ST	Multimode Power Meter (ST)	
MPMPM1000FC	MPM1000FC	Multimode Power Meter (FC/FC)	
MPEV22440-010	EV22440-010	Multimode Patch Cord (FC/FC) Connectors, 3.25'	
MPEV22440-013	EV22440-013	Multimode Patch Cord (ST/ST) Connectors, 3.25'	
MPEV22440-017	EV22440-017	Multimode Patch Cord (SC/SC) Connectors, 3.25'	



▲ MPM1000

Megger Single Mode Power Meters

- 850, 1300, 1310 & 1550 nm Germanium Detector
- Wide Dynamic Range +10 to -70 dBm (MPM2000); +20 to -60 dBm (MPM2000H)
- Measurement Accuracy ±5% (±0.22 dB)
- High Power CATV Version (MPM2000H)
- dBm and dBrel (Relative) Measurement Modes
- Can be Used on Multimode Cables
- dBrel Setting Retained During Power Down
- Power Down Override During dBrel Measurements
- Ruggedized Waterproof Housing (160 mm x 83 mm x 30 mm) to IP54
- Alkaline (6LR61), NiMH or NiCd Operation
- 3-Year Warranty

The MPM2000 and MPM2000H are advanced optical power meters that can be used for optical loss testing of fiber optic cables. The MPM2000 is particularly suitable for the testing of SDH, telecom, and other single mode links. The MPM2000H is a high powered version with the same accuracy and is ideal for CATV and other long distance transmission applications.

Each Unit Includes: Patch Cord, Connector, and Carrying Case

Ordering Information

Order #	Mfg #	Description	Price
MPMPM2000SC	MPM2000SC	Single mode Power Meter (SC)	
MPMPM2000ST	MPM2000ST	Single mode Power Meter (ST)	
MPMPM2000FC	MPM2000FC	Single mode Power Meter (FC/FC)	
MPMPM2000HSC	MPM2000HSC	Single mode High Power Meter (SC)	
MPMPM2000HST	MPM2000HST	Single mode High Power Meter (ST)	
MPMPM2000HFC	MPM2000HFC	Single mode High Power Meter (FC/FC)	
MPEV22440-008	EV22440-008	Single mode Patch Cord (FC/FC) Connectors, 3.25'	
MPEV22440-015	EV22440-015	Single mode Patch Cord (ST/ST) Connectors, 3.25'	
MPEV22440-017	EV22440-017	Multimode Patch Cord (SC/SC) Connectors, 3.25'	



▲ MPM2000

F

Telecom/Datacom Test Instruments

Extech Fiber OWL Optical Power Meter

Professional certifying tool with wider 75 dBm range and large backlit display

- Fiber Certification for Both Multimode and Single Mode Applications
- Two Models Display Wide 75 dB Dynamic Range with ± 0.15 dB Accuracy:
 - Standard Power Model (FO600): +5 dBm to -70 dBm
 - High Power Model (FO610): +25 dBm to -50 dBm—
 - Ideal for Direct Measurements of Laser Output Power
 - On CATV Systems and Telco Applications
- Internal Memory Stores Up to 1000 Measurements and Physical Fiber Characteristics for up to Four Sites
- User Friendly Interface with Alpha Numeric Membrane Keypad for Easy Entry of Testing Documentation Including Site Name, Date, Fiber Type and Length, Connectors and Splices
- Use the RS-232 Interface and Windows® Compatible OWL Reporter Software to Download Data and Print Professional Certification Reports
- Built-in Loss Wizard™ Calculates the Maximum Allowable Optical Loss According to EIA/TIA Standards and Provides Simple Pass/Fail Certification
- Universal 2.5 mm Fiber Adaptor Accepts ST, SC, FC, DIN, E2000 Fiber Connector Types.
- High Impact Valox™ Splashproof Case and Large (2.6 x 4") Backlit LCD Display with User Prompts
- Powered by Two 9V Batteries for Long Battery Life—Over 200 hr

Complete!



Each Unit Includes: Windows® compatible software, DB9 serial cable, CD-ROM based graphical operation manual, Certificate of calibration, two 9V batteries and case with belt clip

Specifications

	FO600	FO610
Measurement Ranges	+5 to -80 dBm	+25 to -60 dBm
Resolution	0.01 dB	
Absolute Accuracy	± 0.15 dB (0 to -45 dBm)	
NIST Traceable		
Calibrated Wavelengths	850, 1310, 1550 nm	
Power/Battery Life	2 x 9V battery >200 hours	

Ordering Information

Order #	Mfg #	Description	Price
MPFO600	FO600	Fiber OWL Standard Power (+5 to -70 dBm)	
MPFO610	FO610	Fiber OWL High Power (+25 to -50 dBm)	
MPOWL125	OWL125	1.25 mm Adaptor for LC and MU interfaces	
MPPR600	PR600	Mini Serial Thermal Printer with Cable	
MPCB600	CB600	Cable for PR600 Printer	

Extech Audio Talk Set

Talk sets offer Secure Communication and Immunity to Electromagnetic Interference

- Allows Hands Free Communication Over Fiber Optic Pair
- LED Talk Set Doubles as 850 or 1300 nm -20 dBm Light Source with 0.1 dB Accuracy
- Laser Models Offer -10 dBm Light Source with 0.1 dB Accuracy for Single Mode Applications
- 20 dB Dynamic Range — Actual Distance Depends on Cable Type — Consult Cable Manufacturer's Data Sheet for Attenuation Specification
- Standard 9V Battery Provides Over 20 Hours of Operation
- Low Battery and Signal Level Indicators
- Headphone Jack Doubles as Power Switch
- Dimensions: 4.9 x 2.8 x 1.3" (125x70x33mm)/5 oz (154g)
- Includes Two Talk Units with ST Connectors and Two Hands Free Headsets, 9V batteries and Belt Clip Cases



Ordering Information

Order #	Mfg #	Description	Price
MPA0100	A0100	LED 850 nm Talk Set/Light Source	
MPA0110	A0110	LED 1300 nm Talk Set/Light Source	
MPA0120	A0120	Laser 1310 nm Talk Set/Light Source	
MPA0130	A0130	Laser 1550 nm Talk Set/Light Source	

Extech LED and Laser Light Sources

Economical LED or Laser light sources provide high stability



LED Multimode Features:

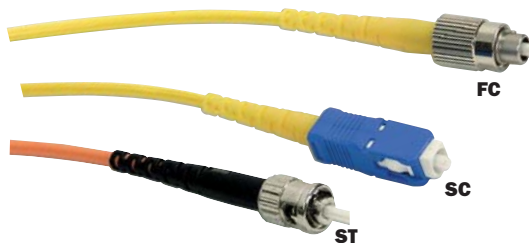
- Stable Temperature Compensated LED 850 nm and/or 1300 nm Light Sources Supply -20 dBm Optical Power into Multimode Fiber
- Single Battery Provides over 40 Hours of Operation
- Provide 40 dB Measurement Range When Used with Fiber Owl or Micro Owl
- Rugged, Splash Proof Case
- Single Switch Operation
- Combination Source On/Low Battery Indicator
- Typical one hour drift of only 0.05 dBm
- Includes 9V Battery and Case with Belt Clip

Specifications

	LE200ST	LE220ST
Stablized Output	850 nm	850 & 1300 nm
Output Power		-20 dB
Initial Accuracy		±0.1 dB @ 25°C

Ordering Information

Order #	Mfg #	Description	Price
MPLE200ST	LE200ST	850 nm LED Source w/ ST connector	
MPLE220ST	LE220ST	850 nm & 1300nm LED Source w/ ST connector	



Laser Single Mode Features:

- Temperature Compensated Laser Light Sources with 1310 nm or 1550 nm Output Supply -10 dBm of Stable Optical Power Into Single Mode Fiber
- Provide 50dB Measurement Range when Used with Fiber OWL or Micro OWL
- Single Battery Provides Over 60 Hours of Operation
- Rugged, Splash Proof Case
- Single Switch Operation
- Combination Source On/Low Battery Indicator
- Typical one hour drift of only 0.0 5dBm
- Includes 9V Battery and Case with Belt Clip

Specifications

	LS300	LS310	LS320
Stablized Output	1310 nm	1550 nm	13100 & 1550 nm
Center Wavelength	1310 nm ±30 nm	1550 nm ±30 nm	1310 nm ±30 nm
Spectral Width		2 nm	
Output Power		-10 dBm into 9 mm fiber	
Initial Accuracy		±0.1 dB @ 25°C	

Ordering Information

Order #	Mfg #	Description	Price
MPLS300SC	LE300SC	1310 nm Laser Source w/ SC connector	
MPLS320FC	LS320FC	1310 and 1550 nm Laser Source w/ FC connector	
MPLS320SC	LS320SC	1310 and 1550 nm Laser Source w/ SC connector	
MPLS320ST	LS320ST	1310 and 1550 nm Laser Source w/ ST connector	

Extech Econo OWL Optical Power Meter

Low Cost Multimode Power Meter is Ideal for LAN and Premise Testing

- Smooth Scrolling Bargraph Display Provides Higher Resolution and Accuracy in dBm and Micro Watt
- Simple One Switch Operation
- Single Battery Provides Over 60 Hours of Operation
- Includes ST Connector and 9V Battery

Specifications

	EO400
Measurement Range	-21 to -25 dBm
Resolution	0.38 dB
Absolute Accuracy	±0.5 dB
NIST Traceable Calibrated Wavelength	850 nm
Battery Life	60 hr

Ordering Information

Order #	Mfg #	Description	Price
MPEO400	EO400	Econo OWL	
MPLE200ST	LE200ST	850 nm LED Light Source with ST Connector	
MPEO405	EO405	Econo OWL Kit (EO400 plus LE200ST Light Source)	



Popular KIT (EO405)

includes EO400 meter plus LE200ST Light Source

F

Telecom/Datcom Test Instruments

Datacom/Textron MicroOTDR™ Optical Fault Locator

- Measure Cable Length to 20 km
- Identify Distance to 7 Loss Points/Faults
- Distance Accuracy of ±2 Meters
- Singlemode and Multimode Operation
- Check Fiber Reels for Length and Defects
- Troubleshoot Installed Fiber

Specifications

Dimensions:	195 mm x 100 mm x 45 mm HWD
Weight:	14.4 oz (440g)

Ordering Information

Order #	Mfg #	Description	Price
MP55446	55446	MicrOTDR™ Optical Fault Locator	

MicrOTDR™ provides fast, easy, and accurate identification of loss points/faults and length for multimode and singlemode fiber optic cable. Using 1310 nm laser OTDR technology, MicrOTDR takes less than 6 seconds to identify the distance to 6 optical events, plus the cable end. Easy identification of faulty connections, cable breaks, bad splices, breaks, and tight bends in installed links. Initiate all tests with a single key operation. Simple and inexpensive way to check fiber spools for length and flaws. Minimum measurable length is 30 meters (100 feet). Delivers over 13,000 tests from four AA batteries. ST-style output connection.



55446 ▶

Datacom/Textron Dual LED Source

- 850/1300 nm Calibrated Wavelengths
- Palm-sized, Battery-Operated
- Superior Output Stability
- Low Power Consumption
- Continuous and Modulated Output Modes
- Snap-on Connector Interface Adapter

Specifications

Output Wavelengths:	850 nm/1300 nm
Emitter Type:	LED
Output Power:	-13 dBm/-20 dBm
Dimensions:	142 mm x 72 mm x 36 mm HWD
Weight:	8.4 oz (240g)

Ordering Information

Order #	Mfg #	Description	Price
MP55445	55445	Dual LED Source	
MP55448	55448	ST Snap-On Connector Adapter (for LED Sources and Optical Power Meter)	
MP55465	55465	AC/Mains Power Converter, 120V (for Light Source & Power Meters)	
MP55471	55471	Dual Instrument Carrying Case	

The Ra Series Dual LED Source is a precision, highly stable source for testing loss on multimode fiber. A single unit combines 850 nm and 1300 nm wavelength LED sources with output drift less than .05 dB per hour. Two AA batteries provide power for over 24 hours, providing greater convenience and saving on frequent battery replacements. Features a protective rubber boot for drop/crush protection and integral output connector dust-caps. Precision snap-on connector adapters allow easy accommodation to standard connector type and simplifies cleaning of the connector interface. The Dual LED Source includes two ST connector adapters, with optional SC and FC connector adapters available. Other options include a dual-instrument carrying case, and an AC/mains power converter.



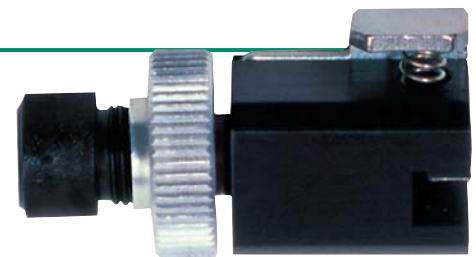
▶ 55445

Datacom/Textron Bare Fiber Adapter

- Temporary Connections
- 125 nm Multimode or Singlemode Fiber
- Reusable

The Ra Series Bare Fiber Adapter allows temporary connection of 125 micron multimode or singlemode fiber to measuring equipment such as Sources, Optical Power Meters, and Fault Locators, with an FC style connector. Connection to other common fiber optic connector styles can be accomplished with a hybrid test jumper. The short 5 mm minimum strip length provides easy insertion into the capillary and avoids fiber breakage. Includes a durable 2.5 mm tungsten carbide ferrule and a ferrule cleaning tool.

55456 ▶



Ordering Information

Order #	Mfg #	Description	Price
MP55456	55456	Bare Fiber Adapter (125 um, FC Style Connector)	

Datacom/Textron Laser Sources

- Continuous and Modulated Modes
- Superior Output Stability
- Ultra-Low Power Consumption
- Low Battery Indication

Ra Series Laser Light Sources are the most compact, rugged, and stable laser sources for testing singlemode fiber. MIL-grade, hermetically-sealed laser diodes and a unique fiber coupling technique yields superior output stability of better than 0.10 dB over 10 hours of operation. Two AA batteries provide power for over 36 hours for 1310 nm operation and 80 hours for 1550 nm operation. Screw-on universal connector adapter allows easy accommodation to any standard connector type and simplifies cleaning of the connector interface. Sources come with an ST connector adapter, with optional adapters for SC and FC connectors available. Protective rubber boot provides drop/crush protection. Other options include dual-instrument carrying case, and an AC/mains power converter.

The 1310 nm Laser Source provides the most common singlemode operating wavelength. The Dual Laser Source combines stabilized 1310 nm and 1550 nm laser sources in one unit, with the convenience of a single output port.



▲ 55444

▲ 55442

Specifications

Output Wavelengths:	Dual Laser Source: 1310/1550 nm; 1310 nm Laser Source: 1310 nm
Emitter Type:	Laser
Output Power:	-7 dBm
Dimensions (HxWxD):	142 mm x 72 mm x 36 mm
Weight:	Dual Laser Source: 8 oz (227g); 1310 nm Laser Source: 7.6 oz (215g)

Ordering Information

Order #	Mfg #	Description	Price
MP55444	55444	1310 nm Laser Source	
MP55442	55442	Dual Laser Source	
MP55453	55453	ST Universal Connector Adapter (for laser light sources)	
MP55454	55454	SC Universal Connector Adapter (for laser light sources)	
MP55455	55455	FC Universal Connector Adapter (for laser light sources)	
MP55449	55449	SC Snap-On Connector Adapter (for laser light sources)	
MP55447	55447	FC Snap-On Connector Adapter (for laser light sources)	
MP55465	55465	AC/Mains Power Converter, 120V (for light source & power meters)	
MP55471	55471	Dual Instrument Carrying Case	

Datacom/Textron Optical Power Meters

- Palm-Sized, Field Portable
- 0.01 dB Resolution
- Rugged, Splash-Resistant

Ra Series optical power meters cover the full range of optical fiber applications for the measurement of multimode and singlemode power and loss. A proprietary DSP microprocessing design provides N.I.S.T traceable, ±0.25 dB accurate measurements from -15°C to +50°C with better than 2 second settling time. The InGaAs photodetector provides superior temperature stability and exceptionally flat wavelength responsivity at the 1310 nm and 1550 nm windows, ideal for WDM applications. References at each wavelength are separately stored. The precision snap-on connector adapter allows the instruments to easily accommodate industry standard connector types and simplifies cleaning of the connector interface. The Dual

LED Source includes an ST connector adapter, with optional SC and FC connector adapters available. Two AA batteries provide power for over 100 hours. Other options include a dual-instrument carrying case, and an AC/mains power converter. The MM/SM Optical Power Meter is calibrated at 850 nm, 1300 nm, 1310 nm and 1550 nm, and has a power range of +3 to -60 dBm. The ideal power meter for general purpose fiber optic testing including premises wiring links. The High Intensity Optical Power Meter is calibrated at 980 nm, 1310 nm, and 1550 nm, and has a power range of +27 dBm to -30 dBm. Designed for testing of high power, long wavelength applications, such as WDM and CATV.



55443 ▶

▲ 55441

Specifications

Detector Type:	InGaAs
Calibrated Wavelengths:	MM/SM: 800/1300/1310/1550 nm; High Intensity: 980 nm and 1310/1550 nm
Power Range:	MM/SM: +3 to -60 dBm High Intensity: +27 to -30 dBm and +30 to -27 dBm
Absolute Accuracy:	±0.25 dB
Resolution:	0.01 dB/dBm
Dimensions (HxWxD):	142 mm x 72 mm x 36 mm
Weight:	8.9 oz (250g)

Ordering Information

Order #	Mfg #	Description	Price
MP55443	55443	MM/SM Optical Power Meter	
MP55441	55441	High Intensity Power Meter	
MP55465	55465	AC/Mains Power Converter, 120V (for light source & power meters)	
MP55448	55448	ST Snap-On Connector Adapter (for LED sources and optical power meter)	
MP55471	55471	Dual Instrument Carrying Case	

F

Telecom/Datacom Test Instruments

Wilcom Optical Power Meters

- Calibrated Wavelengths to 850, 1310 and 1550 nm
- Single-Mode and Multi-Mode Testing
- Detector Type: InGaAs (FM8510/FM8515B)
Filtered InGaAs (FM8515C)
- Dynamic Power Range: +5 to -70 dBm (FM8510/FM8515B)
+23 to -50 dBm (FM8515C)
- Single Key Operation
- Powered by Two AA Alkaline Batteries (Optional NiCd)

FM8515B/C provides measurements in dBm, dBr and microwatts, milliwatts for FM8515C. The FM8510 measures in dBm only. These units may be used in combination with any Wilcom fiber source. Each model also is equipped with a universal connector system for connection to the most popular connector types.

Ordering Information

Order #	Mfg #	Description	Price
MPFM8510	FM8510	Optical Power Meter	
MPFM8515B	FM8515B	Optical Power Meter	
MPFM8515C	FM8515C	Optical Power Meter	
MP04419812	04419812	ST Adapter Cap	
MP04419857	04419857	FC Adapter Cap	
MP04419716	04419716	SC Adapter Cap	



FM8520 ▲



FM8515B ▲

Wilcom Dual Wavelength Optical Source

- Stabilized Dual Laser Sources
- Use with any of Wilcom's Power Meters for Accurately Testing Multi-Mode or Single-Mode
- Single Port 1310/1550 nm Dual Wavelength
- Select Continuous Wave (CW) or Modulated Frequencies 270 Hz, 1 kHz, and 2 kHz Modulation
- Launch at -8 dBm
- Laser Power Easy Field Changeable
- Single Key Entry for Wavelength
- Two AA batteries or Optional NiCd



FS1316-FC ▲

Ordering Information

Order #	Mfg #	Description	Price
MPFS1316-ST	FS1316-ST	Dual Wavelength Optical Sources ST	
MPFS1316-FC	FS1316-FC	Dual Wavelength Optical Sources FC	
MPFS1316-SC	FS1316-SC	Dual Wavelength Optical Sources SC	

Wilcom Dual Wavelength LED Optical Source

- Stabilized Dual LED Sources
- FS8513A-850/1310 nm Dual Port Dual Wavelength
- Selectable Modulation at 2 kHz, and Continuous Mode (CW)
- Launch at -8 dBm
- Laser Power Easy Field Changeable
- Use With any of Wilcom's Power Meters for Accurately Testing Multi-Mode or Single-Mode
- Single Key Operation
- Power Two Alkaline AA Batteries; Optional NiCd



FS8513A ▲

Ordering Information

Order #	Mfg #	Description	Price
MPFS8513A-ST	FS8513A-ST	Dual Wavelength LED Optical Source ST	
MPFS8513A-FC	FS8513A-FC	Dual Wavelength LED Optical Source FC	
MPFS8513A-SC	FS8513A-SC	Dual Wavelength LED Optical Source SC	

Wilcom Optical Fault Locator

- Measures up to 7 Events
- Single and Multi-mode Operation
- Single Key Operation
- Battery Operated for Field Use
- Hand-Held



Ordering Information

Order #	Mfg #	Description	Price
MPFR2-ST	FR2-ST	FR2-ST Optical Fault Locator ST Conn	
MPFR2-FC	FR2-FC	FR2-FC Optical Fault Locator FC Conn	
MPFR2-SC	FR2-SC	FR2-SC Optical Fault Locator SC Conn	

Wilcom Optical Loss Kit

- FM8520 Meter
- Detector Type InGaAs
- Units displayed dBm, dBr, μ W, REF, PC/ Printer Output
- Measurement Range +5 to -70 dBm
- Calibrated Wavelengths 850, 1310, 1550 nm
- FS1316 Dual Source
- Output Wavelength 1310/1550 nm
- Laser Emitter Type
- Output Power -8 dBm, -8 dBm
- Connector Type FC, SC and ST



Ordering Information

Order #	Mfg #	Description	Price
MPLTS-12	LTS-12	LTS-12 Optical Loss Kit w/ST Conn	

Wilcom Optical Loss Kits

- FM8515B Meter
- Detector Type InGaAs
- Measurement Range +5 to -70 dBm
- Calibrated Wavelengths 850, 1310, 1550 nm
- Units displayed dBm, dBr, μ W, REF
- FS1316 Dual Source
- Output Wavelength 1310/1550 nm
- Laser Emitter Type
- Output Power -8 dBm, -8 dBm
- Connector Type FC, SC, and ST



Ordering Information

Order #	Mfg #	Description	Price
MPLTS-10-ST	LTS-10-ST	LTS-10 Optical Loss Kit with ST Conn	
MPLTS-10-FC	LTS-10-FC	LTS-10-FC Optical Loss Kit with FC Conn	
MPLTS-10-SC	LTS-10-SC	LTS-10-SC Optical Loss Kit with SC Conn	

Wilcom High Power Optical Loss Kits

- FM8515C Meter
- Detector Type InGaAs
- Measurement Range +23 to -50 dBm
- Calibrated Wavelengths 850, 1310, 1550 nm
- Units Displayed dBm, dBr, μ W, REF
- FS1316 Dual Laser Source
- Output Wavelength 1310/1550 nm
- Laser Emitter Type
- Output Power -8 dBm, -8 dBm
- Connector Type FC, SC and ST



Ordering Information

Order #	Mfg #	Description	Price
MPLTS-10C-ST	LTS-10C-ST	Optical Loss Kit with ST Conn- H Power	
MPLTS-10C-FC	LTS-10C-FC	Optical Loss Kit with FC Conn- H Power	
MPLTS-10C-SC	LTS-10C-SC	Optical Loss Kit with SC Conn- H Power	

Datacom/Textron FiberProbe™ Visible Fault Locator

- Pinpoints Cable Breaks and Bad Connections
- Ultra-bright, 635 nm Visible Laser
- Rugged, Waterproof Design

FiberProbe™ is a low-cost, pocket-sized tool for detecting microbreaks in singlemode and multimode fiber. Features both continuous and pulsed operation to aid fault detection even in high ambient lighted areas. High power output allows detection of fiber breaks up to 3 km away. "Quick connect" interface accepts any 2.5 mm ferrule, thus allowing adaption to most connector types. Snap-on adapters also available for attachment to ST, SC, and FC connectors. Operates for over 48 hours from two AA batteries. Includes integral dust cap and nylon, belt-mounted carrying pouch.



▲ 55439

Ordering Information

Order #	Mfg #	Description	Price
MP55439	55439	FiberProbe™ Visible Fault Locator	
MP55451	55451	ST Snap-On Connector Adapter (for FiberProbe)	
MP55452	55452	SC Snap-On Connector Adapter (for FiberProbe)	
MP55450	55450	FC Snap-On Connector Adapter (for FiberProbe)	

Specifications

Dimensions:	229 mm (length) x 25 mm (diameter)
Weight:	7 oz (200g)

Datacom/Textron FiberLive™ Light Detector

- Simple One-Button Test
- Works with Any Fiber or Connector
- Multimode or Singlemode Fibers
- Audible and Visible Indicators
- 152 x 51 x 38 mm/ 4.2 oz.

FiberLive™ is a low-cost instrument for identification of live multimode and singlemode fibers. It works at the push of a button to detect light wavelengths from 630 nm to 1600 nm with visible and audible annunciators. Wide sensitivity from +25 dBm to -55 dBm. Patented light baffle accepts all standard fiber optic connector types, bare fiber or even a fiber loop. Typical operation of one year from 2 AA batteries. Includes automatic battery check.



▶ 55440

Ordering Information

Order #	Mfg #	Description	Price
MP55440	55440	FiberLive™ Light Detector	

Datacom/Textron Sure Signal™

- Sequentially Lighting LED's Corresponding to Each Wire Allow Easier Diagnosis of Miswires than Testers that Check Pairs
- Remote Unit can be Used Separately as a Patch Cord Checker to Help Check Patch Cords for Wiring Errors
- Shielded Test Ports Allow Extra Versatility to Test Shielded and Screened Twisted Pairs
- Uses 9-Volt Battery (Included)
- Optional Patch Cords Allow the Sure Signal™ to be used for a Coax Tester, Saving Money Spent on Separate Tester
- Sequential Wiremap Testing Allows Sure Signal™ to be used to Test More Wiring Configurations than Other Testers
- Diagnosis can be Completed at one End, Saving Labor Hours Required by Testers using Both Ends for Complete Diagnosis



▶ 46060

Specifications

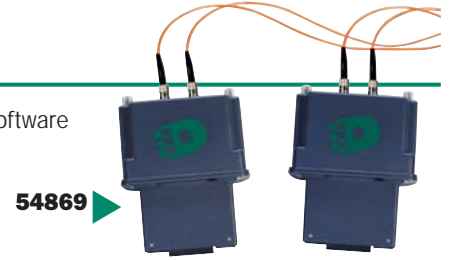
Size:	Main 1.5" x 4.0" x 0.875" (38 x 102 x 22 mm); Remote 2.75" x 4.0" x 1.0" (70 x 102 x 25 mm)
Weight:	Main 1.6 oz. (45g); Remote 4.1 oz. (116g)
Power:	9 volt battery

Ordering Information

Order #	Mfg #	Description	Price
MP46060	46060	Sure Signal™ Line Verifier and Patch Cord Tester	
MP46070	46070	Sure Signal™ Remote	
MP46065	46065	Accessory Kit: Includes adapters for BNC coax and RJ11	
MP45276	45276	Carrying Case	

Datacom/Textron FIBERcat™ Test & Talk Fiber Certification System

- Tests Two Fibers with One Autotest
- Measures Bi-Directional Loss at 850 and 1300 nm
- Measures Link Length and Propagation Delay
- Stores 800 Autotest Reports in LANcat Handsets
- Includes Report Manager PC Software
- Talk Over Multimode Fiber
- CE Compliant



Converts any LANcat® System 5 or System 6 into a precision multimode optical loss test set. Measures dual wavelength, bi-directional multimode 850/1300 nm optical loss and link length on two cables simultaneously. Includes automated link loss budget calculation and automatic Pass/Fail determination.

Ordering Information

Order #	Mfg #	Description	Price
MP54869	54869	FIBERcat™ Test & Talk	
MP54720	54720	ST Fiber Test Kit, ST Simplex Launch Cable 62.5/125u (2), ST Bulkhead Adapters (2), Alcohol Pads)	
MP54870	54870	ST to ST Simplex Patch Cable (62.5/125u)	
MP54871	54871	ST to SC Simplex Patch Cable (62.5/125u)	

Datacom/Textron FIBERcat™ Optical Loss Test Kit

- Measures 850/1300 nm Optical Loss on Multimode Fiber
- Includes 850/1300 nm LED Light Source
- Measures 1310/1550 nm Optical Loss on Singlemode Fiber
- Stores 400 Autotest Reports in LANcat Handset
- Includes Report Manager Software
- CE Compliant



Handset not included.

Converts any LANcat® System 5 or System 6 handset into a precision optical power meter for measuring fiber optic power or cable loss. Measures 850/1300 multimode and 1310/1550 nm singlemode from -50 to +3 dBm, with memory for multiple loss references and storage of up to 400 test results. Includes 850/1300 nm LED light source.

Ordering Information

Order #	Mfg #	Description	Price
MP54653	54653	FIBERcat™ Optical Loss Test Kit Option	
MP54720	54720	ST Fiber Test Kit (ST Simplex Launch Cable 62.5/125u (2), ST Bulkhead Adapters (2), Alcohol Pads)	
MP54870	54870	ST to ST Simplex Patch Cable (62.5/125u)	
MP54871	54871	ST to SC Simplex Patch Cable (62.5/125u)	

LANCAT System Accessories

Order #	Mfg #	Description	Price
MP54459	54459	Ni-MH Rechargeable Battery Pack	
MP54458	54458	Coax Cable Testing Module Option	
MP54655	54655	110 Block Connecting Module Option (T568A wired)*	
MP54657	54657	110 Block Connecting Module Option (T568B wired)*	
MP54691	54691	BIX Block Connecting Module Option (T568A wired)*	
MP54693	54693	BIX Block Connecting Module Option (T568B wired)*	
MP54741	54741	Handset Cover (LANcat System 5 handsets)	
MP54742	54742	Installers Kit (Ni-MH battery packs (2), System 5 handset covers (2))	

*Category 5/Class D testing

Datacom/Textron FiberMeter™ Fiber Certification System

- Category V/Class D Testing
- Test Two Multimode Fibers With One Setup
- Pass/Fail Fiber Certification
- Measure Bi-directional Loss at 850/1300 nm
- Measure Link Length to 2000 Meters
- Accuracy ±0.30 dB
- Tests Singlemode Power/Loss
- Store 2000 Link Reports
- PC Report Management Software
- LED Emitter Type (-20 dBm Power)
- Backlighted Graphical LED

A complete system for field testing of premise wiring fiber links. For testing multimode fiber, FiberMeter™ provides automated measurement (InGaAs detector) of optical loss and cable length, Pass/Fail certification against industry standards, detailed certification reports, and a built-in talk set. Also tests singlemode fiber, providing two separate precision power meters for measuring 1310/1550 nm optical power and loss. Operates from AA cells (16), AC/mains, or optional NiMH rechargeable battery packs. Includes four test jumpers, AA batteries, AC/mains adapters, Report Manager Software, PC Interface Cable, Fiberbeter handset (2), handset impact protective cases and straps, Linktalk earphones, ST Launch cables (4), and a system carrying case. 310 x 99 x 63 mm/1.08 kg.



Ordering Information

Order #	Mfg #	Description	Price
MP55430	55430	FiberMeter™ Fiber Certification System 115V	
MP54459	54459	Ni-MH Battery Pack (for FiberMeter™ Handsets)	

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Telecom/Datacom Test Instruments