



FOM120

FOS420

FOS430

Item #	Description	List Price
--------	-------------	------------

✓RoHS Fiber Optic Power Meter for Multimode and Single mode Cabling

The FOM120 is a general-purpose power meter suitable for both premise and outside plant applications. This unit is ideal for measurement of optical power and optical loss/attenuations in a fiber optic network. The FOM120 meter is calibrated at the four most common industry standard wavelengths 850nm, 1300nm, 1310nm and 1550nm for both single mode and multimode transmitters. The 1mm Germanium detector offers a broad dynamic range of ~60dB which far exceeds the requirements of the majority of users. The FOM120 utilizes a 2.5mm universal connector for both ST and SC connections (other connector styles available upon request). The compact handheld meter (4.94" x 2.75" x 1.2") has an auto-shutdown feature to preserve battery life. Runs on 2AA batteries and includes a 1-year manufacturer's warranty.

FOM120	Fiber Optic Power Meter for Multimode and Single mode Cabling	425.00
--------	---	--------

✓RoHS Fiber Source for 850/1300nm Fiber Optic Cables

The FOS420 light source is for premises and campus cabling networks with multimode fiber, or single mode fibers under 5km. The ST connector outputs can be adapted to any cable plant with hybrid adapters or hybrid cables. The FOS420 becomes a powerful low cost troubleshooting and maintenance tool when used with an Advanced Fiber Solutions FOM120 power meter.

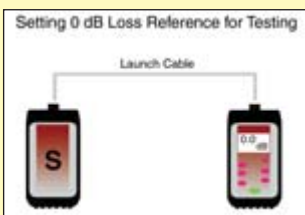
FOS420	Fiber Source for 850/1300nm Fiber Optic Cables	595.00
--------	--	--------

✓RoHS Fiber Source for 1310/1550nm Fiber Optic Cables

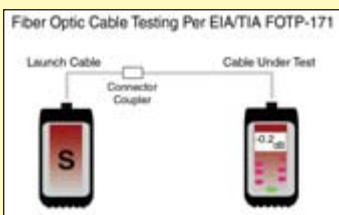
The FOS430 laser source is designed for testing single mode fiber cabling in premise or outside plant environments where long wavelengths are used. The single output allows the user to test at both 1310nm and 1550nm without disconnecting and reconnecting the cable. When used with an Advanced Fiber Solutions FOM120 or FOM220 the FOS430 is ideal for testing insertion loss for single mode fiber optic cables and connectors. Lightweight, ergonomic design is great for field use.

FOS430	Fiber Source for 1310/1550nm Fiber Optic Cables	1495.00
--------	---	---------

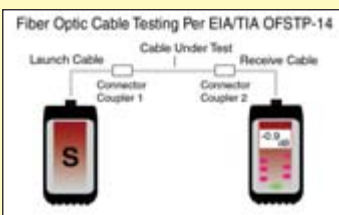
Tip Common test methods



1. Attach Launch Cable to the output of the source and input of the meter.
2. Make sure the output power level from the source is over -30 dBm.
3. With meter in "dB" mode, hit the zero reference key. When the meter zeros out as illustrated in the above setup, the launch reference power has been stored and the user is now ready to start testing cables.
4. Once the zero reference power has been set, do not remove the Launch Cable from the source as reattaching it may change the output power level.



1. Attach the Cable Under Test to Launch Cable via the Connector Coupler.
2. Attach the other end of the cable to the meter and read the value.
3. The indicated value on the display will be the loss of the mated connector of the Cable Under Test (CUT) and the actual test cable itself. To test the other connector on the test cable simply reverse the CUT test and read the loss from the power meter.



1. A loss reading for the Receive Cable should already be established by doing a single ended test on it as specified in the FOTP-171 illustration. The loss of the Receive Cable should be added on to the loss of the Cable Under Test (CUT) when the test is completed or zeroed out before the CUT is placed between it and the Launch Cable.
2. Attach the Cable Under Test to the Launch Cable via Connector Coupler 1.
3. Attach the other end of the Cable Under Test to the Receive Cable via Connector Coupler 2.
4. The power indicated on the meter is the loss of the Cable Under Test.

Did you know...

Cleaning your fiber connectors takes only seconds and can greatly improve your signal!



FTK51MM
FTK51SM

✓RoHS Multimode Fiber Optic Test Kit

The FTK51MM multimode fiber optic test kit allows users to quickly test multimode fiber cabling. The kit features a power meter and light source in a convenient carry case. The power meter supports 850/1300/1310/1550nm light sources and features a 2.5mm universal connector for both ST and SC connections (other connector styles available upon request). The kit's power meter is calibrated at the four most common industry standard wavelengths 850nm, 1300nm, 1310nm and 1550nm for both single mode and multimode transmitters. The 1mm Germanium detector offers a broad dynamic range of ~60dB which far exceeds the requirements of the majority of users.

FTK51MM	Multimode Fiber Optic Test Kit	995.00
---------	--------------------------------	--------



TBX51MM

✓RoHS Single mode Fiber Optic Test Kit

The FTK51SM single mode fiber optic test kit features a fiber optic power meter and light source to quickly and economically test 9/125 single mode fiber cabling. The power meter supports 850/1300/1310/1550nm light sources and features ST, SC, FC, 2.5mm Universal, LC and 1.25mm Universal connection options. The 2 mm Germanium detector offers a broad dynamic range of ~60dB which far exceeds the requirements for most applications. The kit's power source supports both 1310nm and 1550nm laser sources for single mode cable testing. Includes a convenient carrying case.

FTK51SM	Single mode Fiber Optic Test Kit	1795.00
---------	----------------------------------	---------



FTK51POF

✓RoHS Fiber Optic Test Kit with Power Meter, Light Source and Tool Kit

The TBX51MM features the OS420 light source for use with premises and campus cabling networks that utilize multimode fiber, or single mode fibers under 5km. The ST connector outputs can be adapted to any cable plant with hybrid adapters or hybrid cables. The OS420 becomes a powerful low cost troubleshooting and maintenance tool when used with an Advanced Fiber Solutions OM120 (included with this kit) or OM220. Tool kit includes: Safety glasses, sapphire scribe, armored tubing cutters, Kevlar scissors, needle nose pliers, rotary cable stripper, fiber optic stripper, buffer tube stripper, crimp tool, tweezers, polishing puck, polishing plate, continuity tester and a 100x microscope. This kit contains everything you need to test and repair multimode and single mode fiber cables.

TBX51MM	Fiber Optic Test Kit W/ Power Meter, Light Source and Tool Kit	1595.00
---------	--	---------

✓RoHS Plastic Optical Fiber (POF) Test Kit

The Advanced Fiber Solutions POF test kit is the perfect, portable solution for testing both plastic and glass optical fiber cables. The FTK51POF includes the OM110 power meter, which is designed for POF (plastic optical fiber) and short wavelength applications (visible and near infrared). The OM110 optimizes a silicon detector suitable for large core fibers. It is the ideal tool for working with shorter wavelengths used with glass, plastic or multimode fibers. Additionally, the FTK51POF features the OS417-MD source which houses a 665nm LED in a modular adapter, which makes it adaptable to any connector style. Order this versatile test kit today!

FTK51POF	Plastic Optical Fiber Test Kit	899.00
----------	--------------------------------	--------

"I recently received a copy of your catalog. I'm very impressed with the product line and information. I have an engineering background and I'm impressed with how your firm explains all the different types of products via the tips and tutorials." - Denis Place, President, SemiProbe.com