

Fiber Link Test Kit

Fiber Link & Pre-Deployment Verification of Fiber Cable

The OPTIX Fiber Link Test Kit is the comprehensive, all-in-one solution for testing and qualifying optical links, as well as verifying fiber cables before deployment. Combining an Optical Power Meter and Optical Light Source, it enables fast, accurate troubleshooting of both single-mode and multimode fibers across four key wavelengths - 850, 1300, 1310, and 1550 nm. It simplifies optical power loss measurements and supports storage of up to 500 test records with seamless PC software export. The complete kit includes SC and LC adapters, reference cords, bare fiber adapters, a scribe tool, a visual fault locator, connector cleaning pens, and a rugged carrying case - ensuring reliable and efficient field testing.



Features

- Complete all-in-one kit for testing and qualification of optical links and pre-deployment fiber cable reel verification
- Combines an Optical Power Meter (OPM) and Optical Light Source (OLS) in one portable solution
- Supports both single-mode and multimode fiber testing
- Operates at four wavelengths: 850nm, 1300nm, 1310nm, and 1550nm
- Performs accurate optical power and insertion loss measurements
- Enables fast troubleshooting and fiber link qualification
- Stores up to 500 test records for documentation and analysis
- Includes PC software for easy data transfer and report generation
- Comes with SC and LC adapters and reference test cords
- Includes bare fiber adapters and fiber scribe tool
- Features a Visual Fault Locator (VFL) for fault identification and continuity testing
- Includes connector cleaning pens for proper end-face maintenance
- Supplied in a rugged carrying case for field use and transport
- Ideal for installation, maintenance, and certification of fiber optic networks

Items Included in Kit

- WRX281 Optical Light Source for multimode and singlemode cable includes wavelengths of 850nm, 1300nm, 1310nm, and 1550nm
- WRX280 Optical Power Meter
- 10mW VFL with 1.25mm adapter
- SC/SC female adapter (2)
- LC/LC female adapter (2)
- SC/UPC-SC/UPC SM reference cord (1 meter)
- SC/UPC-LC/UPC SM reference cord (1 meter)
- SC/PC-SC/PC OM4 reference cord (1 meter)
- SC/PC-LC/PC OM4 reference cord (1 meter)
- SC/UPC Bare Fiber Optic Adapter (2)
- Fiber Optic Scribe Cleaver Tool
- 2.50mm cleaning pen
- 1.25mm cleaning pen
- Soft Case



Specifications

WRX281 Optical Light Source	
Wavelengths	850nm, 1300nm, 1310nm, 1550nm
Output Power	$\leq -5\text{dBm}$
Power regulation range	0~-6dB
Stability	CW/2170Hz/330Hz/1kHz/2kHz/ID/TWINS
Optical Connector	2.5mm
Display	Segment code screen
Power Supply	Rechargeable Li-ion battery, 1500mAh
Auto Shutdown	10, 30, 60, 120 minutes
Weight	235 grams
Dimensions	140mm x 32mm x 73mm
WRX280 Optical Power Meter	
Wave Range	800nm~1700nm
Connector	2.5mm interface
Power Range	-50dBm to +26dBm
Wavelengths (nm)	850,980,1270,1300,1310,1490,1550,1577,1625,1650
Storage	500 groups of data storage

VFL-10LI	
Output Power	>10mW
Wavelength	650nm +/- 20nm
Adapter	2.5mm plus 1.25mm adaptor included
Power	Rechargeable Li-ion battery, USB-C charger included
Weight	2.3 ounces
Dimension	20mm x 30mm x 130 mm
Fiber Optic Scribe Cleaver Tool	
Handle Material	Metal
Blade Material	Tungsten Carbide
Style	Pen Style 5" x .35"
SC/APC Bare Fiber Optic Adapter	
Material	High-quality metal
Insertion Loss	≤ .2dB
Interchangeability	≤ .2dB
Mechanical Uses	> 1000 times

Ordering Information

Part Number	Description
FLT-KIT	Complete all-in-one kit for testing and qualification of optical links and pre-deployment fiber cable reel verification