

FLUKE MPO Optical Light Source



MFMULTIMODESOURCE Fluke MPO Light Source

Fluke Networks MultiFiber™ Pro supports 3 wavelength (850/1310/1550nm) light source which offers excellent stability and portability for accurate fiber optic testing. They can be used with an MPO power meter that measures the insertion loss of MTP®/MPO fibers and polarity with only one key and also supports data storage, threshold analysis, data export, and other applications. Compared with traditional instruments, the testing efficiency is more than several times. They offer a quick and accurate testing solution on single mode fibers, which aims at fiber network installation, fiber network engineering acceptance, and fiber network maintenance in FTTx networks.

Standards Compliance

- ISO9001 Certificate
- CE Certificate
- WEEE Certificate
- RoHS Compliant
- REACH Certificate
- FCC Certificate

Features

- Stable Multi-wavelength and Single Mode/ Multimode Laser Output
- Simple and Clear Button Design Makes the Operation Easier
- Low Power Consumption Allows Extended Operation in the Field
- On-board MTP®/MPO Connector Eliminates the Need for Fan-out Cords When Testing
- Simple User Interface Identifies Each Fiber Within the MTP®/MPO Connector
- With MPO Power Meter Increasing Efficiency in Testing Data Center Project

Product Specifications

ID Number	#206795	#206797	#206799
Part Number	MFMULTIMODESOURCE	MF1310SOURCE	MF1550SOURCE
Wavelengths	850nm	1310nm	1550nm
Cable Type	MMF	SMF	
Emitter Type	LED Emitter	Laser Emitter	
Output Power	≥-24dBm	≥-1dBm	
Output Stability	≤±0.1dB over 8 hours	±0.25dB over 8 hours	
Spectral Width	50nm (Typical)	2 nm (Typical), 5 nm (Maxium)	
Auto-off Function	Supported	Supported	
Optical Connector	MTP®/MPO-12 UPC	MTP®/MPO-12 APC	
Power Supply	2x AA Batteries	2x AA Batteries	
Laser Safety	IEC 60825-1: Class 1	IEC 60825-1: Class 1	
Modes	2 kHz modulated, auto wavelength/td>		
Battery Life	> 30 hours, typical		
Auto Power-off	10, 20, 30 or 60 minutes (can be disabled by the user)		
Low Battery Warning	Low battery icon blinks		
Size	5.8 in × 3.2 in × 1.6 in (14.7 cm × 8.0 cm × 4.0 cm)		

Products List

Optical Light Source List

ID Number	Description
#206795	Fluke Networks MFMULTIMODESOURCE Handheld Optical Light Source (850nm) with MTP®/MPO-12 UPC Female Connector
#206797	Fluke Networks MF1310SOURCE Handheld Optical Light Source (1310nm) with MTP®/MPO-12 APC Female Connector
#206799	Fluke Networks MF1550SOURCE Handheld Optical Light Source (1550nm) with MTP®/MPO-12 APC Female Connector