



Optical Light Source for Singlemode, Multi-mode & Singlemode/Multi-mode Product Specifications

Description

The MUL-OLS is a handheld Optical Light Source with an ergonomic design that uses the latest technology in the Optic Fiber field. The Multicom Optical light source provides outstanding functionality and durability with laser outputs suitable for both Singlemode (1310/1550nm) and Multi-mode (850/1300nm), depending on the model.

The OLS is feature rich with a user-friendly interface. The Multicom OLS is the perfect match for every technician in performing high precision and sensitive insertion loss measurement and link loss of installed cables. It's continuous wave and the four different modulated modes will help in identifying loss in the system.

Features

- High stability of the output power and stable output wavelength
- Support 1 to 4 output wavelengths to meet specific requirement
- CW, 270Hz, 1KHz, 2KHz modulation output at 850/1300 (MM) & 1310/1550nm (SM)wavelengths
- Dustproof Button Design
- Membrane touch buttons prevent dust from entering the device
- Durable shatter-resistant bumper sleeve protects the OLS from falls, shocks and wear



MUL-OLS-300 -
For Singlemode
& Multi-mode

MUL-OLS-200 -
For Multi-mode

Parameter	Specification
Standard Wavelength	MUL-OLS-100 - Singlemode - 1310/1550nm MUL-OLS-200 - Multi-mode - 850/1300nm MUL-OLS-300 - Singlemode & Multi-mode - 850/1300 & 1310/1550nm
Emitter Type	Fabry-Perot Laser Diode
Typical Power Output	-7 dBm - 1310/1550nm -9 dBm - 850/1300nm
Spectral Width	≤ 10 nm
Modulation	0 Hz (continuous wave) / 270 Hz / 1000 Hz / 2000 Hz
Output Stability	± 0.05dB / 15 mins or ± 0.1dB / 8 hours
Automatic Shutoff	10 min (this option can be turned off)
Operating Temperature	-10°C ~ +60°C
Storage Temperature	-25°C ~ +70°C
Operating Time	≥60h
Power Supply	3AA 1.5V (provided with the OLS)
Dimension	175 x 75 x 35 mm
Weight	180g

MUL-OLS-x00

- 100-For Singlemode
- 200-For Multi-mode
- 300-For Singlemode & Multi-mode

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