

General Description:

The MLS series can provide a very stabilized optical signal at several kinds of wavelength, together with any of Grandway Optical Power Meters, can be used to identify optical fiber, measure optical attenuation, verify continuity and evaluate fiber link transmission quality.

Furthermore, the MLS series contain a 650nm visible red laser

source for finding breaks. It generates red laser and the visible red laser that escaping from optical fibers makes testing and finding breaks in LANs, verifying continuity, checking the validity of patch cables or looking for cracked fiber in splice cases, bad connectors, tight bends in fiber cable.

Features:

- Nearly all kinds of wavelengths in optical network are supported
- Powered by 2 units of AA Ni-MN batteries or AC/DC adapter
- Auto-off function conserving power
- Modulation in CW and modulated frequencies
- 650nm visible laser source for finding breaks
- LCD with back light for operation in dark environment
- Adjustable output power
- Three-year warranty and recommended calibration interval.



Specifications:

Functions		MLS-4A	MLS-4B	MLS-4C
Emitter type		LD		
Spectral width		5 nm		
Wavelengths (+20 nm)		850/1300/1310/1550	650/1310/1490/1550	1310/1490/1550/1625
Output power ^①		-5 dBm	> -5 dBm @ 650nm -5 dBm@others	-5 dBm
Output Stability ^①	Short Term (15 min)	±0.05dB@1310/1550nm ±0.1dB @ 850/1300nm	±0.05dB@1310/1550nm ±0.1dB @ 1490 nm	±0.05dB@1310/1550nm ±0.1dB @ 1490/1625 nm
	Long Term (8 hours)	±0.1dB@1310/1550nm ±0.2dB @ 850/1300nm	±0.1dB@1310/1550nm ±0.2dB @ 1490 nm	±0.1dB@1310/1550nm ±0.2dB @ 1490/1625 nm
Modulation frequencies(Hz)		2 Hz @ 650nm 270,1K,2K@ 850/1300/1310/1490/1550/1625nm		
Power Supply		6* AA Ni-MH batteries & AC/DC Adaptor		
Storage Temperature		-20~+70 °C		
Operating Temperature		-10~+50 °C		
Relative Humidity		<90% (Non-condensing)		
Dimension (mm)		240L*120W*65H		
Net Weight (g)		520		

Note: ^① Valid at 1550nm, CW, 23±3°C, Relative Humidity ≤70%, with an FC connector.

Standard Accessories:

FC/PC connector , Carrying Bag, User Guide Manual, Battery, Test Report.

Optional Accessories:

Description	Ordering Number	Description	Ordering Number
SC/PC connector	XLS-SC	APC for FC/ST/SC connector	XLS-APC-FC/ST/SC
ST/PC connector	XLS-ST	Aluminium Carrying Box	LD-PS
AC/DC Adapter	G-AD-09		

NOTE: PLEASE CONTACT GRANDWAY FOR AVAILABILITY AND LEAD TIME.