

mLS-100

2 Channel Optical Light Source
Smartphone & PC interface



mini Optical Light Source

- 1310nm & 1550nm(SMF), 850nm & 1300nm(MMF)
- 650nm for Visual Fault Locator (option)
- Very small and lightweight
- Controlled by Smartphone or PC via USB or Bluetooth
- Smartphone application software and PC software
- Li-ion Polymer rechargeable battery
- Battery charging via a USB interface



Universal Adapter

- Universal 2.5mm adapter to accept FC,SC or ST (1.25mm adapter option)
- Dedicated for all single-mode and multi-mode application
- Reference light source for optical test
- Wide variable range of output power

Specifications

Parameters		Values
Adapter type		Universal 2.5mm adapter
Fiber type		Single-mode or Multi-mode
Wavelength	mLS-100-35	1310nm and 1550nm for Single-mode
	mLS-100-83	850nm and 1300nm for Multi-mode
		650nm for Visual Fault Locator(option)
Spectral width(rms)		<5nm
Output power range	mLS-100-35	1310nm : +1 ~ -6dBm / 1550nm : +3 ~ -4dBm
	mLS-100-83	850nm : +3 ~ -4dBm / 1300nm : +1 ~ -6dBm
Stability		±0.2dB(15minutes) @ 23±3℃
Tunable range		7dB
Display unit		nm, dBm
Battery	Type	Li-ion Polymer Rechargeable
	Power	3.7V
	Life	3hrs(Continuous usage)
General Spec	Charging time	1hr
	Size & Weight	32(H) X 102(W) X 24(D) mm, 70g
	Display	LCD w/LED backlight, 3LED indicators
	External interface	USB 2.0 , Bluetooth