mLS-100

mLS40818

mini Optical Light Source

TheFibers is pleased to introduce *new* mini Optical Light Source which is controlled by Smartphone or PC via USB or Bluetooth in field easily. mLS-100 can be operated at 1310nm & 1550nm. Its universal 2.5mm adapter is used to accept FC, SC, ST, E2000. mLS-100 has a built-in rechargeable battery which can be easily charged via USB interface. It is

Special Features

• Very small size 32(h) x 102(w) x 24(d)mm and light weight
• Stabilized Light Source (FP-LD)
• 1310nm & 1550nm (850nm & 1300nm option)
• 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

Specifications

Model		mLS-100
Calibrated Wavelength (nm)	**mLS-100-35**	1310nm and 1550nm for Single-mode
	mLS-100-83	850nm and 1300nm for Multi-mode
LD Type		FP-LD
Output Optical Power Range		0dBm ~ -40dBm
Fiber Type		Single-mode or Multi-mode
Spectral width (rms)		<5nm
Stability		±0.02dB(15minutes) @ 23±3℃
Adapter type		Universal 2.5mm Adapter[1] for SC,FC,ST,E2000
Tunable range		40dB
Display unit		nm, dBm
Display		LCD (with LED backlight), 3 LED indicators
Battery		3.7V Rechargeable Lithium Ion Polymer Battery
Battery Life		3 hours (continuous usage)
Charging Time		1hr
External interface		USB 2.0, Bluetooth
Dimension		32 (H) x 102 (W) x 24 (D) mm
Weight		70g

[1] Universal 1.25mm Adapter could be added optionally.

Standard Package

P/N: **mLS-100-35**

    1 Light Source (included Battery)
    1 Smart USB cable (Smartphone to mLS-100)
    1 PC USB cable (PC to mLS-100)
    1 Necklace
    1 Manual and Case

TheFibers Inc.