OPM-15 Series

Optical Power Meter

- Applicable on singlemode/multimode fibers
- Microprocessor & linear amplifier ensure long-time accuracy
- Quick response, no warm-up
- Interchangeable connectors: FC/SC/ST
- Dual-way power supply: 9V alkaline battery/AC adapter
- Pocketsize, lightweight and damp-dust-shock proof
- Power saving: Auto-off setting
- MOD tones detection
- Display Units: dB/dBm/mW/μW/W
- CE, FCC Certificates

OPM-15 series Optical Power Meter paired with ShinewayTech SLS series Stabilized Laser Source can meet general test requirements of fiber identification, attenuation/loss measurements, continuity verification and transmission quality evaluation on singlemode and multimode fibers in LAN/WAN/CATV infrastructure. OPM-15 is ideal for both lab and field applications offering high quality, high stability and competitive low costs.

Specifications

Model	OPM-15	
	A	B
Calibrated Wavelength (1)	850,1300,1310,1490,1550,1625nm	
Power Range (dBm) (2)	-70~+10	-50~+27
Application Range	Single/Multimode fibers	
Detector Type	InGaAs	
Accuracy	For power range of -70 ~ +10: ±0.25dB(±0.5dB@850nm) For power range of -50 ~ +27 & -55 ~ +17: ±5%±1nW(±0.5dB@850nm)	
Resolution	0.01dB	
MOD Identification	270,1K,2K Hz	
Display Unit	W/μW/dBm/dB (REF)	
Connector (3)	FC (Interchangeable SC, ST)	
Power Supply	9V Alkaline Battery(450mAh) / Optional 9V AC Adapter	
Battery Life	≥40hours	
Power Saving	Auto off after 5 minutes idle	
Operating Temperature	-20ºC ~ 50ºC (32 ~ 122 F)	

Storage Temperature	-40ºC ~ 70ºC (-4 ~ 158 F)
Relative Humidity	0 ~ 95% (Non-condensing)
Weight	300g (0.66lbs)
Dimensions (H×W×T)	145×75×25mm (5.7×2.9×1inch)

Note: (1) Other wavelengths and power ranges are open for customization;

(2) For Model A at 850nm, the lower limit of measurement range is -60dBm (Model A) / -50dBm (Model B);

(3) OPM models with Φ1000μm detector are available with:

FC/SC/ST/DIN/E2000/LC/Universal 1.25mm/Universal 2.5mm connectors.

* Specifications subject to change without notice