

Optical Power Meter

The LiComm OPM series is handheld optical power meter to measure absolute and relative light power in single and multimode optical fiber systems. The OPM series has the wide dynamic range, high accuracy and easy operation. The OPM provides the calibration of optical power at various wavelengths, such as 850, 1310, 1550, 1620nm and display in dBm or mW etc.. For telecommunication and CATV applications, the OPM is ideal for testing single and multimode optical systems and components in lab and field. It offers various function with internal memory of data save and interface (optional).



Features

- Easy operation
- High accuracy and reliability
- Calibrated for 850, 1310, 1550, 1620nm and etc.
- Absolute and relative light power measurement
- Auto shutdown
- Display backlight
- Power Calibration
- Large user memory (optional)
- Data interface (optional)

Applications

- Single & multimode loss test
- Connectorization
- Optical installation & maintenance
- Optical component reliability test
- System power & attenuation testing
- Fault finding & continuity testing

Optical Characteristics

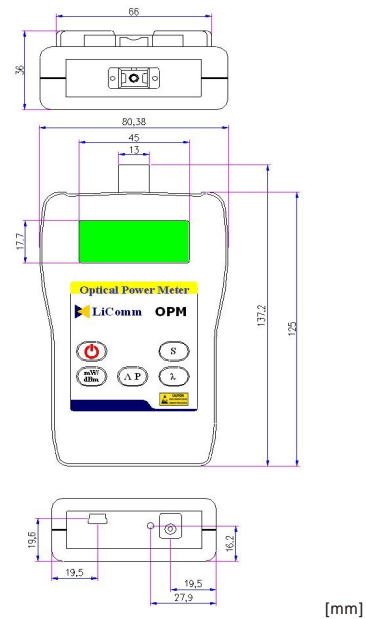
Parameter	Typical value	Unit
Wavelength range	800 ~ 1700	nm
Standard wavelength settings	850,1310,1550,1620	nm
Display range	-60 ~ +10	dBm
Max. Permitted input level	+10	dBm
Accuracy	< 0.2	dB
Resolution	< 0.01	dB
Optical connector type	SC or FC	
Photodiode type	InGaAs	
Unit display	dBm, dB, mW, nW, pW	
Data Save* (Number of saves)	512	

Note : * Optional

Electrical & Environmental

Parameter	Typical value
Power supply	3*AAA 1.5 V (Dry batteries) 3*AAA 1.2V (NiMH cells)
Operating time	60 hours with dry batteries
Auto power time	ON/OFF
Size	125 X 80 X36.7 mm
Weight (with Battery)	200g

Mechanical Dimension



Ordering Information

OPM - 4 X₁X₂

- X₂ : H(Handy), B(Bench Top)
- X₁ : S(SC), F(FC)
- 4 : 4(Normal), 5(Data save)

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