

Optical Power Meter Datasheet

OPM3001



OPM3001 optical power meter is a handheld optical power meter, which can be used for absolute optical power measurements as well as for relative loss measurements in optic fiber networks. An Ø1.0mm photosensitive area photodiode is used to significantly improve the stability and the reliability.

Key Features

- ◆ Wide dynamic measurement range (up to 80dB)
- ◆ Comfortable LCD display and backlight LCD display supports night operation
- ◆ AA alkaline batteries can last more than 140 hours, AC adaptor also available
- ◆ Reference power level storage (Ref Setting)

Product Annotation

- 1- REF Button
- 2- Power Button
- 3- Screen
- 4- dBm/W Button
- 5- λ Button
- 6- Connector



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Specifications

Technical Specifications

Wavelength (nm)	800 to 1700
Detector Type	InGaAs
Detector Size (mm)	Ø1.0
Measurement Range (dBm)	-70 to +10
Uncertainty	±5%
Calibrated Wavelength (nm)	850, 1300, 1310, 1490, 1550, 1625
Resolution (dB)	0.01
Optical Connector	FC (interchangeable SC, ST) / as well as 2.5mm universal
Power Supply	Alkaline Battery (3 AA 1.5V batteries); AC Adaptor (9V)
Battery Operating Time (h)	140 h with 1.5V Battery (3pcs)
Operating Temperature (°C)	-10 ~ +60
Storage Temperature (°C)	-25 ~ +70
Relative Humidity	0 to 95% (non-condensing)
Dimension (mm)	190*100*50
Weight (g)	370

Packing Info

No.	Items	Quantity
1	OPM3001 Tester	1 pc
2	User Manual	1 pc
3	Soft Carrying Case	1 pc
4	AC Adaptor	1 pc
5	1.5V AA Battery	3 pcs

