



OPTICAL MULTIMETER OMM 5

Features :

- Multi Wavelength Test Outputs
- Absolute Power Test in dBm or μW
- Relative Power Test in dB
- Single and Dual Wavelength Output, Switches from 1310 nm and 1550 nm
- Stores and Manages 50 Group Test Data
- Multi Interface Adapter FC, SC, ST Optional
- Handheld, Large LCD Display
- Easy to Operate
- Under Voltage Indication
- Automatic Power-off, to Prolong the Battery Life

OMM5, Optical Multimeter is a new kind of optical test product for OFC network. Portable, intelligent, it combines optical source and optical power meter in one. It provides 1310nm and 1550nm dual wavelength outputs. It is a combination of the steady optical source and optical power meter. It can be used to carry out the loop test and two-way automatic test. The inner microprocessor and linearity magnify technology ensure the long time calibration, and it can test accurately.

Optical Multimeter OMM5 not only measures the absolute and relative power test, but also can measure the optical loss in the fiber optical cable. It saves and stores the test data. It is very simple to operate. It is very useful in laying, maintaining optical fiber communication, CATV system etc., and also could be used for laboratory test and research work. It is an ideal portable tool for optical fiber project staff.



Specifications

The Parameters for Optical Power Meter Module

Wavelength Range	800 to 1600 nm.
Detector Type	InGaAs.
Optical Power Test Range	-45 to +25dBm.
Uncertainty	±5%.
Resolution (dBm)	Linearity display 0.1%, logarithm display 0.01dBm.

Optical Laser Source Module

Emitter Type	Fabry_Perot LD.
Switchable Dual Wavelength	1310 ± 20nm, 1550 ± 20nm.
Spectral Width	≤ 5nm.
Output Optical Power	≥ -7dBm.
Short Time Optical Power Stability	≤ ±0.05dB / 15min.
Long Term Optical Power Stability	≤ ±0.1dB / 8h.

General Specification

Low-Batt Indication	Voltage lower than 7.2V.
Automatic Power-off	6 min.
Battery Working Duration	2 hrs. (Simultaneous optical source and optical power meter mode operation, 8hrs. (optical power meter mode).
Battery	9V/160mAh Ni-MH rechargeable battery.
Operating Temperature	0 to +50 deg.
Storage Temperature	-10 to +60 deg.
Weight	0.2 Kg.
Diemension (mm)	160 x 76 x 28.

Marketed by

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