

OPTICAL POWER METER, OPM-C SERIES

DESCRIPTION

The OPM-C Series Power Meters are able to detect automatically any received signal wavelengths from OLS Series Optical Light Source and use the proper calibration parameters. This feature reduces the need for communications between two technicians and decreases the potential for errors.

With the referencing function, its signal encrypting can also give the receiving end information on the power to be used as reference, ensuring efficient referencing, even when the two units are far apart. The units can communicate with computers, allowing data transfer to a computer via USB connection and the data sheet can be saved as Excel or .txt file format and able to be printed out directly. The unit's memory storage is able to store up to 999 data items.

FEATURES

- Referencing function
- Memory capacity; able to communicate with computer
- LCD backlight for easy operation in darker environments
- USB charging
- Wide dynamic range and high power measurement capability
- Auto power off function
- Interchangeable fiber optic adapters



OPM-7010C

OPM-5026C

SPECIFICATIONS

Model	OPM-7010C	OPM-5026C
Calibrated Wavelength (nm)	850/1300/1310/1490/1550/1625	
Wavelength Range (nm)	800~1700	
Measurement Range (dBm)	-70 ~ +10 @ 1550nm	-50 ~ +26 @ 1550nm
Detector Type	InGaAs	
Accuracy ¹ (dB)	0.2	
Resolution (dB)	0.01 @ -60 to +10dBm; 0.1 @ -70 to -60dBm	0.01 @ -40 to +26dBm; 0.1 @ -50 to -40dBm
Linearity (%)	±5 or 0.2dB	
Auto Power-off	Yes	
Back-light	Yes	
Reference Value	Yes	
USB Interface	Yes	
Data Storage	Yes, up to 999 data items	
Wavelength Recognition	Yes	
Tone Detection (Hz)	270, 1K, 2K	
Battery Life (hours)	40	
Operating Temperature (°C)	-10 to +50	
Storage Temperature (°C)	-20 to +70	
Relative Humidity (%)	≤90 RH	
Connector	SC/PC	
Power Supply	AA Ni-MH Rechargeable Battery x 2pcs (USB charging)	
Dimension (mm)	160L × 76W × 45H	
Net Weight (g)	270	

Note:

[1] Valid at 1550nm, CW, 23±3°C, Relative Humidity ≤ 70%, with FC/PC connector.

STANDARD ACCESSORIES

2 x AA Ni-MH rechargeable battery, USB cable, CD disk (software & user manual), calibration certificate, carrying case, packing box, SC/PC adaptor and FC/PC adaptor.

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ORDERING INFORMATION

Part Number	Descriptions
OPM-7010C	Optical Power Meter C-Series, Storage, -70 to +10dBm, SC
OPM-5026C	Optical Power Meter C-Series, Storage, -50 to +26dBm, SC

OPTIONAL ACCESSORIES

Part Number	Descriptions
FOA-P0001	FC/PC Adapter
FOA-P0002	SC/PC Adapter
FOA-P0003	ST/PC Adapter
FOA-L0007	2.5mm Universal Adapter
FOA-B0001	Rechargeable battery

Note : Specifications are subject to change without notice