

TF-2401 Series Optical Multimeter



Order Code

TF-2401 MultiMeter

Features:

- User self-calibration
- Simultaneous linear (mW) and non-linear (dBm) display
- Wavelength memory
- Automatic Frequency Identification
- Light Source, Power Meter and VFL Integration
- Support Backlight Level 4
- Support FC/SC/ST interfaces

Maxwellon TF-2401 Series Optical Multimeter are mainly used for measurement of signal power, stable light source output, insertion loss test, etc, well used in optical cable construction and maintenance, optical fiber communication, optical fiber sensing, CATV, and other fields. It also can be used to test insertion loss and splitting ration of passive components such as optical splitter, circulator, coupler and optical switch.

Specifications

Parameters	Specifications	
Optical Power Meter Module		
Model	TF-2401A	TF-2401B
Power Range	-70 to +6dBm	-50 to +26dBm
Wavelength Range	800nm ~ 1700nm	
Calibrated Wavelength	850/980/1300/1310/1490/1550/1625/1650nm	
Detector Type	InGaAs	
Resolution	Linear display: 0.1%, logarithmic display:0.01dBm	
Linearity	±5%	
Connector	Universal 2.5mm adapter (FC/SC/ST)	
Frequency Detected	270Hz/330Hz/1000Hz/2000Hz	
Optical Light Source		
Wavelength	1310 ± 20nm / 1550 ± 20nm	
Emitter Type	FP-LD	
Output Power	≥ -5dBm	
Stability	± 0.05dB/30min	
Connector	FC/UPC	
VFL		

Wavelength	650±30nm
Output Power	≥10mW
Connector	FC/UPC
General Specifications	
Automatic Shutoff Time	10min
Continuous Working Time	≥12h
Data Storage	1000 traces
Power supply	3*AA dry batteries 1500mAh Rechargeable Lithium Battery (Options)
Backlight	Yes
Dimension	186×100×50mm
Net Weight	240g
Operating Temperature	-10 to +50℃
Storage Temperature	-40 to +70℃
Relative Humidity	0~95% (non-condensing)

Standard Package

Item	Name	Qty
1	Optical Multimeter	1pc
2	User Manual	1pc
3	Quality Certificate	1pc
4	Li-ion Battery	1pc
5	Data Line	1pc

Ordering Information

Model	Description
TF-2401A	Power Range: -70 to +6dBm; Light Source: 1310/1550nm; VFL: 2mW, 10mW, 30mW available, please specify
TF-2401B	Power Range: -50 to +26dBm; Light Source: 1310/1550nm VFL: 2mW, 10mW, 30mW available, please specify

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