

TF-2206 Series CWDM Power Meter



Order Code **TF-2206 CWDM OPM**

Features:

- 3.5inch TFT LCD, 320x480 resolution
- Up to 18 channels wavelength power test
- Test result display in column graph/list mode
- Single channel power result display
- OPM/VFL/LAN sequence/LAN Length/LAN tracker
- Portable battery charging
- Small Size, Light Weight

Maxwellon TF-2206 Series CWDM Power Meter is CWDM optical network channel detector, used to measure and monitor the power of CWDM channels. The test power value can be displayed in bar graph or list mode, or the power value of a certain channel can be viewed separately.

It adopts 3.5-inch high-definition color LCD screen, with small size, light weight. It can replace the current high-cost spectrometer for testing CWDM. Its fast and reliable measurement in various environments makes it an indispensable special tool for CWDM optical network installation, acceptance and maintenance

Multifunctions

- CWDM Power Meter
- Optical Power Meter
- Visual Fault Locator (VFL)

Visual Fault Locator uses red laser of 650nm to locate broken fiber point and test fiber continuity.

- LAN Length: measure the length of RJ45 cable.
- LAN Sequene: check wire map of RJ45 cable.
- LAN Tracker: trace and locate the RJ45 cable.

Specifications

CWDM Optical Power Meter	
Power Range	-70 ~ +10dBm
Optical Channel	18 channels
Pass Zone	1270nm~1610nm
Channel Span	20nm
Channel Band Pass	± 6.5nm
Power Resolution	0.01dB

Power Accuracy	$\pm 0.5\text{dB}$	
Return Loss	$> 45\text{dB}$	
Isolation of Adjacent Channels	$\geq 25\text{dB}$	
Unit	mW/uW/dBm/dB(Ref)	
Detector Type	InGaAs	
Display Resolution	0.01dB	
Fiber Type	SM 9/125um	
Fiber Connector	FC/UPC	
Optical Power Meter		
Power Range	-70 ~ +10dBm	-50 ~ +26dBm
Optical Interface	FC/UPC	
Calibration Wavelength	850/980/1300/1310/1490/1550/1625/1650nm	
Unit	mW/uW/dBm/dB(Ref)	
Visual Fault Locator		
Wavelength ($\pm 20\text{nm}$)	650nm	
Power	$\geq 10\text{mW}$	
Mode	CW/1Hz/2Hz	
Connector	Universal 2.5mm (FC/SC/ST)	
LAN Length		
Test Range	300m	
LAN Sequence		
Test Range	300m	
LAN Tracker		
Test Range	300m	
General Specification		
Display	3.5 inch color LCD 320 × 480	
Power Supply	AC/DC adapter: AC: 100~240V, 5V, 2A; Lithium battery: 3.7V 4000mAh	
Battery Standby Life	$\geq 20\text{h}$	
Battery Working Hours	$\geq 12\text{h}$	
Data Storage	1,000	
Weight	0.35kg	
Dimension	173*82*37mm	
Operating Temperature	$-10 \sim +50^{\circ}\text{C}$	
Storage Temperature	$-40 \sim +70^{\circ}\text{C}$	
Relative Humidity	0~95% non-condensing	

Standard Package

Item	Name	Qty
1	CWDM Power Meter	1pc
2	AC/DC power adapter	1pc
3	USB cable	1pc

4	User manual	1pc
5	U-disk	1pc
6	Soft bag	1pc
7	Clean Cotton Slices	1pc
8	Quality Certificate	1pc

Ordering Information

Model	Description
TF-2206	With CWDM Power Meter, PowerMeter. VFL, LAN Length, LAN Sequence and LAN Tracker

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