

FOPM-206 PON OPTICAL POWER METER



FOPM-206 PON Optical Power Meter

With the gradual upgrading of EPON/GPON network to 10G-EPON/XG(S) PON, the downstream of PON network will exist two wavelengths of 1490nm and 1577nm, which cannot be distinguished and measured separately by ordinary broadband power meter. FOPM-206 is a professional instrument specially used to measure the downstream 1490nm and 1577nm power levels of 10G-EPON/XG(S) PON network. It can accurately measure the optical power value of each wavelength and display it on one screen at the same time.

The FOPM-206 supports wavelengths of 1270, 1310, 1490, 1550, 1577 and 1625nm. The measurement range is from -40 to 10 dBm, with approximately ± 0.5 dBm accuracy. Additionally, it has a built-in visual fault locator (VFL) with a power of 10mW. The power meter is housed in a protective case, making it easy to operate in one hand. It has two SC connectors, one for power measurement and another for visual fault locator. The FOPM-206 is definitely an essential and ideal tool for 10GEPON or GPON networks.

Features

- Support Co-existence of G/EPON and XGS-PON/10G EPON Service Power Test
- Selective Power Level 1490nm/1577nm Measurements Separately at the Same Time
- Normal Broadband Power Meter Support 1270nm/1310nm/1550nm/1625nm
- VFL Function for Fast and Precise Fault Tracing
- Data Storage Capacity for Saving Testing Results up to 999 Records
- Low Power Consumption Allows Extended Operation in the Field

Product Specifications

ID Number	#206795
Part Number	FOPM-206
Test Range	-40~+10dBm
Calibrated Wavelengths	1270/1310/1490/1550/1577/1625nm
Resolution	0.01dB
Accuracy	±0.5dB
Isolation	1490nm>35dB; 1577nm>35dB
Data Storage	999
Optical Port	OPM: SC APC/SC UPC VFL: SC UPC
Communication Port	Type-C USB Port
Power Supply	2*Ni-MH AA battery
VFL	10mW, CW/2H
Auto-off Function	Support
Pass/Fail Function	Support
Working Temperature	-10~50℃ (14~122°F)
Storage Temperature	-20~70℃ (-4~158°F)
Dimensions	1.8"x3.0"x6.3" (45x76x160mm)
Weight	300g

Products List
PON Power Meter List

ID Number	Description
#97492	FOPM-205 PON Optical Power Meter
#286715	FOPM-206 PON Optical Power Meter
#286717	FOPM-207 PON Optical Power Meter