

## FF-3217

### 10G EPON/ XGPON Power Meter

10G EPON/XGPON Optical Power Meter can measure the power of GPON/EPON and XGPON/XGSPON network uplink and downlink signals, including uplink 1270nm/1310nm signal, and downlink 1490nm/ 1550nm/ 1577nm signal.

It integrates 5 functions, such as VFL, RJ45 Cable sequence, length and tracking test. It can simultaneously test and judge the optical power value of voice, data and video signals.

It can measure all PON signals, and can also measure each wavelength separately. It is an ideal choice for PON network engineering, construction and maintenance.

As a new generation of intelligent hand-held instrument, PON power meter has the function of "Pass/Fail" optical fiber authentication detection by setting different thresholds corresponding to different wavelengths, which ensures that service providers can improve the system performance life by verifying network connectivity. So engineering contractors have high-level key authentication tools to provide customers with reliable network engineering.

#### Specification

10G PON Power Meter	
Wavelength	1270/1310/1490/1550/1577nm
Measuring Range	-35 to +10dBm @1270nm -35 to +10dBm @1310nm -40 to +12dBm @1490nm -40 to +25dBm @1550nm -40 to +12dBm @1577nm
Isolation	>40dB
Uncertainty	<0.5dB
Insertion Loss	<1.5dB
Detector Type	InGaAs
Display Resolution	0.01dB
Fiber Type	SM 9/125um
Connector	SC/UPC
Visual Fault Locator	
Wavelength	650nm
Output Power Level	10mW
Mode	CW/1Hz/2Hz
Connector	Universal
General	
Screen	3.5 inch LCD, 320x480
Power Supply	Li-Battery: 3.7V, 4000mAh Adapter: 5V 2A DC
Operation Temperature	-10 to +50 °C
Storage Temperature	-40 to +70 °C
Relative Humidity	0 ~ 95% no Condensing
Size	173x82x37mm
Weight	350g

### 5 Functions in 1 Device

10G PON Power Meter

Visual Fault Locator

Rj45 Cable Distance Testing

Rj45 Cable Sequence Testing

Rj45 Cable Tracking



#### ORDERING INFORMATION

**FF-3217 10G PON Power Meter**

The Kit Includes: 10G PON Optical Power Meter, USB cord, User Manual, Power Charger