

# 50G PON Power Meter

## Variants

PON-100G

## Details

### 50G PON Power Meter – Technical Specifications

#### Wavelength & Optical Parameters

Parameter	1270nm	1286nm	1310nm	1490nm	1342nm	1577nm
Spectral Bandwidth (nm)	1260~1280	1284~1288	1300~1320	1480~1500	1340~1344	1570~1581
Optical Isolation	>30 @1286 >30 @1310 >40 @1490 >40 @1577 >40 @1342	>30 @1270 >30 @1310 >40 @1490 >40 @1577 >40 @1342	>30 @1270 >30 @1286 >40 @1490 >40 @1577 >40 @1342	>40 @1270 >40 @1286 >40 @1310 >40 @1577 >40 @1342	>40 @1270 >40 @1286 >40 @1310 >40 @1490 >40 @1342	>40 @1270 >40 @1286 >40 @1310 >40 @1490 >40 @1342
Test Range (dBm)	-40 ~ +10					

#### Optical Specifications

Connector	APC (PC optional)
Measurement Unit	dB / dBm / mW / $\mu$ W / nW
Display Resolution	0.01 dB
Power Uncertainty	$\pm$ 0.5 dB
Linearity	$\pm$ 0.1 dB / 10 dB
Channel Insertion Loss	<1.5 dB
Data Storage	999 records

## Visual Fault Locator (VFL)

Output Power	10 / 20 mW
Connector	FC / SC
Wavelength	650 ±10 nm
Modulation	CW / 2 Hz

## General Parameters

Working Temperature	-10 ~ +60°C
Storage Temperature	-25 ~ +70°C
Humidity	0 ~ 80%
Auto Shutdown	5 ~ 90 min (adjustable)
Power Supply	3 × AA battery / 8.4V adapter
Working Time	>32h working / >60h standby
Dimensions	76 × 177.5 × 40 mm
Weight	0.28 kg