

PM-212-SN-GE

Multifiber optical power meter

Description:

The PM-212-SN-GE optical power meter is designed to measure absolute or relative optical power in optical networks terminated with duplex SN connectors. Because of use the large scale Ge photodiode the tester can measure overall optical power level from both fibers of SN connectors in wide wavelength range.

The memory capacity allows storage and uploading of up to 100 measurements including memory position or fiber number, wavelength, absolute value or relative value and insertion loss. The SmartProtocol PC evaluation software supports memory download, test report generation and Data Exporter for data download to Excel sheet.

The rechargeable battery ensures long term working with a minimum service life of 2 years. Batteries can be charged via a USB port or external AC/DC adaptor. The microprocessor controlled charging process ensures optimal battery status and extended operation time.



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Features:

- Easy measurement of multifiber connectors
- Duplex SN input interface
- Two functions:
 - portable power meter
 - USB probe – accessory of Testing Workplace
- Ge large scale photodetector
- Firmware upgrade via USB
- Displayed units: dBm, dB, mW
- High capacity memory
- SmartProtocol PC software
 - memory download, reporting solution
- Data Exporter PC software
 - data download to Excel sheet
- Battery charging via USB port
- Battery status indicator
- Absolute and Relative optical power measurement
- Powered by Li-Pol rechargeable battery

Specifications:

Parameter:		Note:
Photodetector active area	Large scale Ge photodiode 19.6 mm ²	
Working wavelength range	800 - 1800 nm	
Dynamic range:	-40 dBm to +10 dBm	800 - 1800 nm
Uncertainty	± 5%	1310, 1550 nm @ -20 dBm
Resolution	0.01	
Dimensions	80 x 47 x 25 mm	without SN adapter
Weight	Less than 90 g	
Temperature operating storage	-10 to +50 °C -40 to +60 °C	
Humidity (non condensing)	0 – 95%	
Battery working time	> 95 hrs	
Battery life time	> 2 years	980 mAh Li-Pol

Compliant with RoHS-requirements (2002/95/EG, 27.01.2003)

Ordering code:

PM-212-SN-GE Power meter with Ge photodetector, duplex SN input interface

Standard accessories:

- Power meter
- Duplex SN input adapter
- Traceable calibration certificate
- USB cable
- SmartProtocol SW

Options:

- Reference – Master SN patchcord¹
- Power charging adapter
- Hard carry case (TE-HC-01)



TE-HC-01

Hard carry case (265 x 270 x 90 mm)

Note: 1) SN patchcord on request, according to: CON_03-21_EN-SN patchcord datasheet