

PM-212-MTP-GE

Multifiber optical power meter

Up to
24 Fibers

Description:

The PM-212-MTP-GE optical power meter is designed to measure absolute or relative optical power in optical networks terminated with 12 – 24 multifiber MTP/MPO connectors. Because of use the large scale Ge photodiode the tester can measure overall optical power level from 12/24 fibers of MTP/MPO 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
- MTP/MPO 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
- Display backlight - optionally
- 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	including MTP/MPO 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-MTP-GE-(XX) Power meter with Ge photodetector, MTP/MPO input interface

XX **BL**, backlight option

Standard accessories:

- Power meter
- MTP/MPO input adapter
- Power charging adapter
- Traceable calibration certificate
- USB cable
- SmartProtocol SW

Options:

- Reference – Master MTP/MPO patchcord¹
- Hard carry case (TE-HC-01)



TE-HC-01

Hard carry case (265 x 270 x 90 mm)

Note: 1) MTP patchcord on request, according to: CON_04-14_EN-MTP patchcord datasheet