

PM-212

Pocket optical power meter USB probe

Description:

The PM 212 optical power meter is a small, pocket size low cost item. The small size does not prevent the optical meter fulfilling all technical requirements for field equipment. The tester can be used as pocket power meter or as USB probe, part of testing workstation. It can be placed within rack mount ODF's with the display on the top or on the side. The Li-Pol rechargeable battery ensures long term working time with a minimum life time of 2 years. The unit is able to store 100 measurements which can be uploaded to PC and managed with SmartProtocol software or Data Exporter.



PM-212

Features:

- Two functions: Portable power meter
 - USB probe accessory of Testing Workplace
- Small size, light weight
- SM and MM fiber testing
- Six working wavelengths
- Absolute and Relative optical power measurement
- Internal two level memory, capacity up to 100 measurements
- SmartProtocol SW Test reports creating
- Data Exporter data download to Excel sheet
- USB port for:

USB probe - full control via simple commands charging the battery data upload to PC

firmware upgrade

- Build-in Li-Pol rechargeable battery
- Battery status indicator, Auto Off

Standard accessories:

- Power meter
- Universal 2.5 mm adapter (TE-ADP-250)
- Power charging adapter
- Traceable calibration certificate
- USB cable
- SmartProtocol SW
- Soft case
- Hard plastic case TE-HC-01, 265 x 270 x 90 mm



TE-HC-01

Specifications:

Photodetector 1 mm InGaAs

850, 1300, 1310, 1490, 1550, 1625 nm Working wavelengths

Uncertainty ± 5% Resolution 0.01

-60 dBm to +10 dBm Dynamic range -53 dBm to +10 dBm

Dimensions 24 x 47 x 71 mm Weight Less than 90 g -10 to +50 °C **Temperature** operating

> -40 to +70 °C storage

Humidity (non cond.) 0 - 95%Operating temperature -10 to +50 °C Battery working time > 75 hrs

Battery life time > 2 years

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

Note:

can be customized

1310, 1550 nm @ -20dBm

1300, 1310, 1490, 1550, 1625 nm

850 nm

including 2.5 mm universal adaptor

battery loaded

between battery charging



Options - changeable input adapters:



TE-ADP-FC



TE-ADP-LC



TE-ADP-SC



TE-ADP-250



TE-ADP-125

Other types available on request: TE-ADP-SC SC adaptor TE-ADP-FC FC adaptor

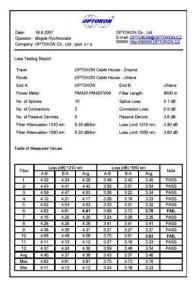
TE-ADP-ST ST adaptor TE-ADP-DIN DIN adaptor TE-ADP-SMA SMA adaptor TE-ADP-LC LC adaptor TE-ADP-MU MU adaptor

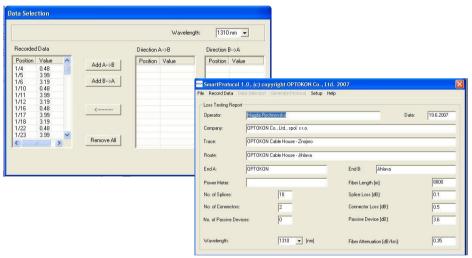
Ordering code: PM-212 + (options) standard tester

Application:

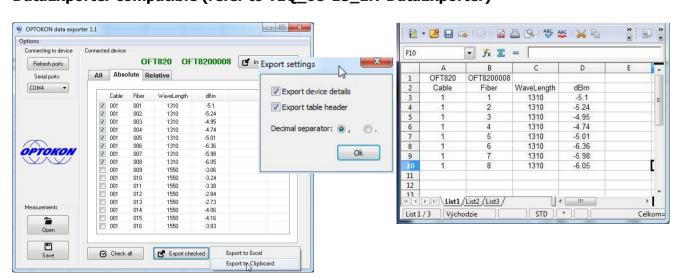
- Optical networks testing
- Test reports creating

SmartProtocol compatible (refer to TEQ_02-07_EN-SmartProtocol)





DataExporter compatible (refer to TEQ 08-13 EN-DataExporter)



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