

PM-212-CWDM Pocket optical power meter **USB** probe

Smallest instrument for measuring CWDI

Description:

The PM-212-CWDM 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. The unit can be easily carried in the pocket or on the belt. It allows simultaneous measurement of full CWDM band with 2 extra wavelengths for MM applications (850 and 1300 nm) and 1625 nm for SM. 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-CWDM

Features:

- Two functions:
 - Portable power meter

USB probe – accesssory of Testing Workplace

- 18 channels CWDM + 850, 1300 and 1625 nm
- Small size, light weight
- Absolute and Relative optical power measurement
- Internal two level memory structure
- Backlight option
- 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 pack
- Auto Off
- Battery status indicator

Standard accessories:

- Power meter
- Universal 2.5 mm adaptor (TE-ADP-250)
- Power charging adapter
- Traceable calibration certificate
- Soft carrying case
- USB cable
- SmartProtocol SW



Hard carry case (265 x 270 x 90 mm)







TE-ADP-SC





TE-ADP-

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

TE-ADP-FC

TE-ADP-LC

250



Specifications: Note:

Photo detector 1 mm InGaAs

CWDM band (18 CH, 1270 nm - 1610 nm)

Working wavelengths + 850, 1300 and 1625 nm

Uncertainty ± 5% Resolution 0.01

-60 dBm to +10 dBm CWDM band; 1300 nm; 1625 nm Dynamic range

-53 dBm to +10 dBm 850 nm

Dimensions 24 x 47 x 71 mm including 2.5 mm universal adapter

Less than 90 g Weight battery loaded

-10 to +50 °C Temperature operating storage -40 to +70 °C

Humidity (non cond.) 0 - 95% Operating temperature -10 to +50 °C

Battery working time > 35 hrs between battery charging

Battery life time > 2 years

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

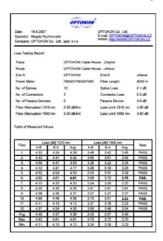
Ordering code:

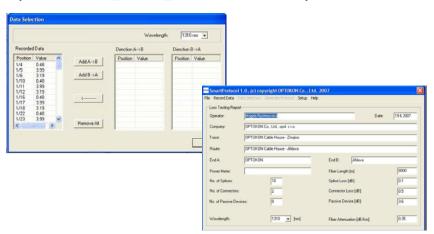
PM-212-CWDM + (options) PM-212-CWDM-L + (options) standard CWDM tester tester with Backlight option

Application:

- Optical components testing
- Optical networks measurement
- Test reports creating

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

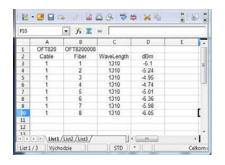




DataExporter compatible (refer to TEQ_08-13_EN-DataExporter)







TEQ_03-12_EN 17/02/2015