

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

NEW! Smallest instrumen 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
- 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



TE-HC-01 Hard carry case (265 x 270 x 90 mm)



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

Specifications:

Note:



Photo detector 1 mm InGaAs

Working wavelengths CWDM band (18 CH, 1270 nm – 1610 nm)

+ 850, 1300 and 1625 nm

Uncertainty \pm 5% Resolution 0.01

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

-53 dBm to +10 dBm 850 ni

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

Weight Less than 90 g battery loaded

Temperature operating -10 to +50 °C

storage -40 to +70 °C

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

Rattery working time > 35 hrs

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:

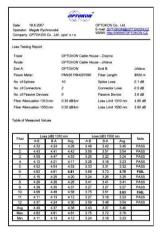
PM-212-CWDM + (options)

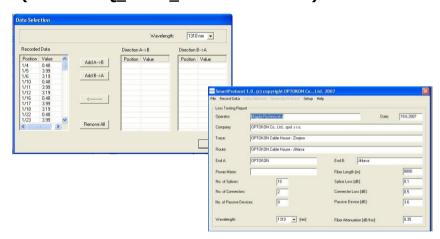
standard CWDM tester

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)





