

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

The PM-212 MPO cuts larger power meters to ribbons

Description:

The PM-212-MPO 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 up to 24 ribbon fibers terminated with MPO/MTP connector. 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-MPO

Features:

- Two functions:
 - Portable power meter USB probe – accesssory of Testing Workplace
- MPO/MTP connector
- Multimode applications
- **Backlight option**
- 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
- MPO input adapter
- Power charging adapter
- Traceable calibration certificate
- Soft carrying case
- USB cable
- SmartProtocol SW

Optional

- Hybrid Master MPO patchcord¹
- Hard carry case (TE-HC-01)





Hard carry case (265 x 270 x 90 mm)

Note: 1) Hybrid MPO patchcord on request, please define connector type



Specifications:

MM - large-scale Si

Photo detector Working wavelengths

MM 850 nm \pm 5% (@ -27 to +20 dBm) \pm 10%(@ -30 to -27 dBm)

Uncertainty Resolution

Weight

Dynamic range **Dimensions**

-30 dBm to +20 dBm 24 x 47 x 71 mm Less than 90 g

Temperature operating storage

-10 to +50 °C -40 to +70 °C

Humidity (non cond.) Operating temperature Battery working time

0 - 95%-10 to +50 °C > 35 hrs

Battery life time

> 2 years Compliant with RoHS-requirements (2002/95/EG, 27.01.2003) Note:

850 nm @ -10 dBm

850 nm

standard ribbon tester

tester with Backlight option

including MPO adapter

battery loaded

between battery charging

Ordering code:

PM-212-MPO-MM PM-212-MPO-MM-L

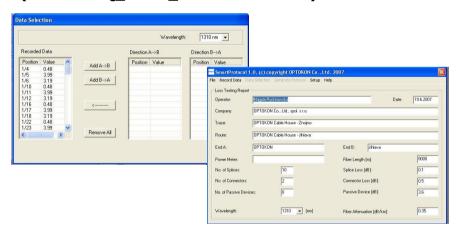
Application:

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)





