

PM-215-MPO **Pocket optical power meter USB** probe

The PM-215 MPO cuts larger power meters to ribbons

Description:

The PM-215-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.

There are two versions for simultaneous measurement:

12/24 multifiber MPO/MTP connectors

16/32 multifiber MPO/MTP connectors

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-215-MPO



MPO-12/24 Input adapter



MPO-16/32 Input adapter

Features:

- Two functions:
 - Portable power meter USB probe – accesssory of Testing Workplace
- 12/24 or 16/32 fibers 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/MTP input adapter
- Power charging adapter
- Traceable calibration certificate
- Soft carrying case
- USB cable
- SmartProtocol SW

Optional

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



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

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



Specifications:

Photo detector MM – large-scale Si Working wavelengths MM 850 nm

Uncertainty $\pm 5\%$ (@ -27 to +20 dBm) $\pm 10\%$ (@ -30 to -27 dBm)

Resolution 0.01

Dynamic range -30 dBm to +20 dBm

Dimensions 24 x 47 x 71 mm
Weight Less than 90 q

Temperature operating -10 to +50 °C

storage -40 to +70 °C

Humidity (non cond.) 0-95%Operating temperature -10 to +50 °C Battery working time > 35 hrs

Battery life time > 2 years

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

Note:

850 nm @ -10 dBm

850 nm

including MTP/MPO adapter

battery loaded

between battery charging

Ordering code:

multifiber multimode tester:

PM-215-MPO-MM-(16)-(L) standard tester for 12/24 MTP/MPO connectors

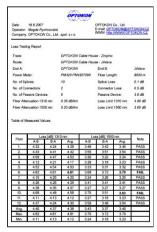
-16 tester 16/32 MTP/MPO connectors

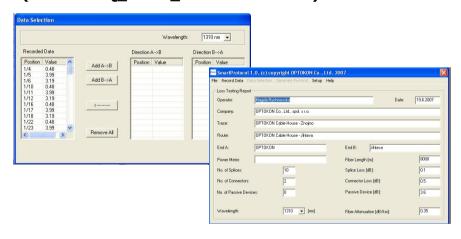
-L tester with Backlight option

Application:

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

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

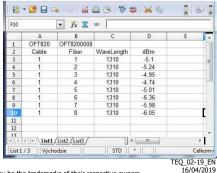




DataExporter compatible (refer to TEQ_08-13_EN-DataExporter)







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