

PPM-212

Pocket optical power meter USB probe

Description:

The PPM-212 optical power meter – USB probe is a small, compact tester without display and battery. The tester is designed to be used as USB probe, part of testing workstation. The small size does not prevent the optical meter fulfilling all technical requirements.

The tester is equipped with USB interface. It ensures power supply, data reading and transferring into data processing SW.

Standard optical interface is equipped with FC/PC adapter, which ensures proper connection of testing cable. It might be easily changed by universal 2.5/1.25 μm ferrule or any commonly used type.

The multicolor LED is signaling power supply, absolute (dBm) or relative (dB) measuring mode.

Features:



PPM-212

- USB probe – accessory of Testing Workplace
- Small size, light weight
- SM and MM fiber testing
- 21 working wavelengths: CWDM + 850,1300 and 1625nm
- Absolute and Relative optical power measurement
- USB port for:
 - USB probe - full control via simple commands
 - power supply
- LED indicator

Standard accessories:

- Power meter
- FC/PC adapter (TE-ADP-FC)
- USB cable
- Traceable calibration certificate
- Soft case

Option:

- Hard plastic case TE-HC-01, 265 x 270 x 90 mm



TE-HC-01

Specifications:			Note:
	PPM-212	PPM-212-SI	
Photodetector	1 mm InGaAs	3.6 mm Si	
Working wavelengths	CWDM + 850,1300,1625 nm	650-940 nm	can be customized
Dynamic range	-60 dBm to +10 dBm -53 dBm to +15 dBm	-40 to +10 dBm	CWDM, 1300nm, 1625 nm 850 nm
Uncertainty	± 5%		1310, 1550 nm @ -20dBm
Resolution	0.01		
Dimensions	24 x 47 x 71 mm		including 2.5 mm universal adaptor
Weight	Less than 90 g		
Temperature operating	-10 to +50 °C		
storage	-40 to +70 °C		
Humidity (non cond.)	0 – 95%		

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

Options - changeable input adapters:



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: PPM-212-(SI) + (options)

standard tester

Applicable SW:

The screenshots show the software interface for the OPTOKON PPM-212. The first screenshot shows a measurement at 1310 nm with a power level of -16.61 dBm. The second screenshot shows a measurement at 1310 nm with a power level of -14.44 dBm and a relative dBm reading of -02.15 dB. The third screenshot shows a measurement at 1550 nm with a power level of -14.09 dBm. The interface includes a 'Select Wavelengths' list, a 'Refresh ComPorts' dropdown, and various control buttons like 'Start recording', 'One record', and 'Stop recording'.