

mPM-100

Optical Power Meter for PON & Wireless
Smartphone & PC Interface



mini Power Meter

- Very small and lightweight.
- Communicates with Smartphone via USB / Bluetooth
- Communicates with PC via USB
- Smartphone application software and PC software
- Internal data storage up to 100 measurements
- Pass/Fail indication for in-field compliance
- Li-ion Polymer rechargeable battery
- Battery charging via a USB interface



Universal Adapter

- Universal 2.5mm adapter to accept FC, SC or ST (1.25mm adapter option)
- Dedicated for all single-mode and multi-mode applications
- Up to 22 Factory-calibrated wavelengths
850, 980, 1270, 1290, 1300, 1310, 1330, 1350, 1370, 1390, 1410, 1430
1450, 1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610, 1625 nm

Specifications

Parameters		Values
Adapter type		Universal 2.5mm adapter / 1.25mm adapter option
Fiber type		Single-mode and Multi-mode
Calibrated Wavelength	mPM-100-5	850, 1300, 1310, 1490, 1550 nm
	mPM-120-5	
	mPM-100-7	850, 980, 1300, 1310, 1490, 1550, 1625 nm
	mPM-120-7	
	mPM-100-18	1270 ~ 1610nm for CWDM 18 wavelengths
	mPM-120-18	
Wavelength range		800 ~ 1650nm
Measurement range	mPM-100	+10 ~ -60dBm
	mPM-120	+25 ~ -45dBm
Resolution		0.01dB
Measurement accuracy		±5% @-20dBm
Display unit		nm, dBm
Battery	Type	Li-ion Polymer Rechargeable
	Power	3.7V
	Life	5hrs(Continuous usage)
	Charging time	1hr
General Spec	Size & Weight	32(H) X 102(W) X 24(D) mm, 70g
	Display	LCD w/LED backlight, 3LED indicators
	Data storage	100 measurements
	External interface	USB 2.0 , Bluetooth