

# OCPM-18

## Optical CWDM Power Meter

Optical CWDM Power Meter is designed to measure both wavelength and optical power of multi wavelength optical signals in CWDM, FTTx, LTE, WCDMA, WDM-PON system, 3G that uses multiple optical carriers with different wavelengths. It is so compact and mechanically stable that it is suitable for outdoor field application.

### Special Features

- Simultaneous measurement of both optical power and wavelength in CWDM system
- Compact size, excellent portability and easy operation
- Applicable for wavelength optical network such as CWDM, LTE, WiBro, 3G/4G, FTTx
- Also Works as a typical optical power meter
- Typical 5-pin Charger and USB data cable
- Color LCD and add to graphic display
- Light weight for on-site measurement
- Quick start operation, requiring no warm-up time and reducing testing time
- A robust, shock-proof, splash-proof design for field operation
- Save stored measured data to PC
- CE approval



### Specifications

Parameter	Typical
Wavelength Range	1270 ~ 1610 nm
Number of Channels	18
Measuring Wavelength (nm)	1270/1290/1310/1330/1350/1370/1390/1410/1430 1450/1470/1490/1510/1530/1550/1570/1590/1610
Wavelength resolution	20nm
Dynamic range	+ 10dBm to -40dBm
Absolute accuracy	< ±0.5 dB
Power resolution	0.01 dB
Units	dBm / dB
Power supply	Rechargeable Lithium-Polymer Battery
Optical interface	SC/PC (standard), FC, LC, ST available
Guaranteed time of Operating	600 min (when fully charged)
Operating Temperature	0 ~ +50 °C
Dimension	78 x 155 x 35 mm
Weight	250g

### Standard Package

P/N: OCPM-18

- 1 Power Meter Body (included Battery)
- 1 Body Rubber Case
- 1 USB Data Cable
- 1 Typical 5-pin Charger
- 1 Software CD
- 1 User Manual

12 / 01 / 01 12 : 00	12 / 01 / 01 12 : 00
<b>CWDM</b>	<b>CWDM</b>
1270 nm -27.40 dBm	1450 nm -33.86 dBm
1290 nm -32.05 dBm	1470 nm -38.05 dBm
1310 nm -33.54 dBm	1490 nm -35.16 dBm
1330 nm -23.61 dBm	1510 nm -31.18 dBm
1350 nm -20.33 dBm	1530 nm -30.33 dBm
1370 nm -06.02 dBm	1550 nm -35.02 dBm
1390 nm -35.46 dBm	1570 nm -27.57 dBm
1410 nm -37.94 dBm	1590 nm -31.45 dBm
1430 nm -34.81 dBm	1610 nm -12.26 dBm



2F, No.138, Daye Rd., Beitou Dist., Taipei City 112030, Taiwan.

Tel: +886 28983830 Fax: +886 28983840 E-mail: [Sales@Ficer.com](mailto:Sales@Ficer.com)