

ChallengerOptics

CO-OPM-CW12

# Optical Power Meter - 48 Channel DWDM, CWDM plus O-Band



### MULTIPLE DWDM, CWDM & O-BAND CHANNELS:

ITU chs 17-64 (1526.05nm - 1563.86nm) 1290, 1291, 1293, 1295, 1471, 1491, 1511, 1611nm

**SINGLE BUTTON MEASUREMENT:** Signal power on each individual Wavelength

**HANDHELD:** Light weight, long battery life

### features:

- DWDM, CWDM, O-Band measurement solution
- Quick power measurement on all selected wavelengths/channels
- Compact size, one button operation
- Low power consumption
- Color LCD for graph display
- Save and recall 300 measurements
- Software provided for data management
- Auto power-off
- PLC device

### specifications :

<b>Number of Channels</b>	56
<b>Channel Frequency</b>	196.45 ~ 191.70 THz (1526.05~1563.86 nm)
<b>Channel Spacing</b>	Custom
<b>Measurement Speed</b>	4 sec (all channels)
<b>Measurement Range</b>	+10 dBm ~ -35 dBm
<b>Measurement Accuracy</b>	< ±1.0 @ -35 dBm
<b>Power Resolution</b>	0.01 dB
<b>Maximum Total Input Power</b>	500mW ~ 27dBm
<b>Optical Connector</b>	SC/APC
<b>Display Unit</b>	dB, dBm, nm, THz
<b>Display</b>	3.5" TFT-LCD, 16 bit Color
<b>Battery / Power</b>	Rechargeble Lithium-Polymer – 10hr.
<b>Operating Temperature</b>	-4° ~ +130° F (-20° ~ +55° C)
<b>Weight</b>	1.3 lbs (610 g)
<b>Dimensions</b>	8.75 h / 4.25 w / 2.5 d (inches)

### ordering information

**CO-OPM-CW12** Multi Band Power Meter, 56 chn, 1526.05nm-1623.86nm, plus O-Band and CWDM +10to-40dBm

**CO-CASE** Protective hard case

[www.ChallengerOptics.com](http://www.ChallengerOptics.com)

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