

# ODPM-48

## Optical DWDM Power Meter

ODPM-48 is developed to measure exact power and frequency adoptable to DWDM network conditions. This instrument is portable and made to be appropriate to the outside environment. It is so compact and mechanically stable that it is suitable for outdoor field application like installation, maintenance...

### Special Features

- Simultaneous measurement of both optical power and wavelength in DWDM system
- Compact size, excellent portability and easy operation
- Applicable for optical fiber DWDM network
- Fast response for full 48-channels
- 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
Channel Spacing	DWDM 100GHz (according to ITU-T)
Number of Channels	48 (ITU Channel 17 ~ 64)
Channel Frequencies (THz)	frequencies 196.4 ~ 191.7 (1526.43nm ~ 1563.86nm)
Range of Display	+ 10dBm to -40dBm
Absolute accuracy	< $\pm 1.0$ dB @ -30dBm
Resolution	0.01 dB
Measuring Units	dBm / dB
Power supply	Rechargeable Lithium-Polymer Battery
Optical interface	SC/PC (standard), FC, LC, ST available
Guaranteed time of Operating	420 min (when fully charged)
Operating Temperature	-20 ~ +55 $^{\circ}\text{C}$
Dimension	78 x 155 x 35 mm
Weight	250g

### Standard Package

P/N: ODPM-48

- 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

00 / 01 / 01 89% 12 : 00	00 / 01 / 01 99% 12 : 00
DWDM Scan dBm	PM Auto
01 1527.21 -04.40	1527.21 nm
02 1527.99 -05.05	
03 1528.77 -04.54	
04 1529.55 -03.61	
05 1530.33 -03.33	
06 1531.11 -05.02	
07 1531.89 -11.46	
08 1532.68 -07.94	
09 1533.46 -14.81	
	- 6.49 dBm



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