



**METRIC**  
INDUSTRIAL

# ODPM-48 DWDM Power meter



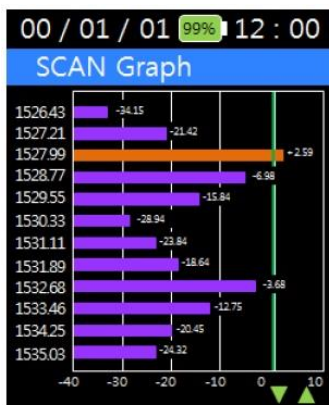
**ODPM-48** Optical DWDM Power Meter is developed for measuring exact power and frequency adoptable to DWDM network conditions. The instrument is portable and made to be appropriate to outside environment. It is so compact and mechanically stable that it is suitable for outdoor field application



- Simultaneous measurement of both optical power and wavelength in DWDM system
- Applicable for optical fiber DWDM network
- Color LCD and graphic display
- Compact size, excellent portability and easy operation
- 5-pin Charger and USB data cable
- Fast response for full 48-channels
- Light weight for on-site measurement
- Quick start operation, requiring no warm-up time
- Save and transfer stored measured data to PC
- A robust, shock proof and splash proof design for field operation
- CE approval

**Specifications:**

Parameter	Typical values
Channel Spacing	DWDM 100 GHz (according to ITU-T)
Number of Channels	48
Channel Frequencies	Frequencies 196.3 ~191.6 THz (1527.21 ~ 1564.68 nm)
Range of Display	+ 10dBm to – 40 dBm
Absolute accuracy	< ±1,0 dB @ -30 dBm
Resolution	0,01 dB
Measuring Units	dBm / dB
Power supply	Rechargeable Lithium-Polymer Battery
Optical interface	SC standard. FC, LC, ST as option
Guaranteed time of operation	420 minutes (when fully charged)
Operating temperature	-20 ~+55 °C
Dimensions	78 x 155 x 35 mm
Weight	250 g



00 / 01 / 01 99% 12 : 00  
DWDM Scan dBm

Channel	Power (dBm)
01	1526.43 -34.15
02	1527.21 -21.42
03	1527.99 +02.59
04	1528.77 -06.98
05	1539.55 -15.84
06	1530.33 -28.94
07	1531.11 -23.84
08	1531.89 -18.64
09	1532.68 -03.68

00 / 01 / 01 99% 12 : 00  
DWDM Scan dBm

Channel	Power (dBm)
10	1533.46 -12.75
11	1534.25 -20.45
12	1535.03 -24.32
13	1535.82 -03.04
14	1536.61 -10.42
15	1537.40 -06.31
16	1538.18 -05.64
17	1539.97 -17.29
18	1539.76 -24.27

**Standard delivery:**

- Power Meter (Battery included)
- Rubber casing
- USB Data cable
- Charger
- Software CD
- User manual

**Ordering Information:**

Art.nr.	Beskrivelse
ODPM-48	Effektmeter DWDM, 48 kanaler