

ChallengerOptics

CO-OPM-96

Optical Power Meter - 96 Channel DWDM



50GHZ DWDM POWER METER: ITU CHs 17-64.5
(1526.05nm -1563.86nm)

SINGLE BUTTON MEASUREMENT: Signal power on
each individual Wavelength

LIGHT WEIGHT: Long battery life

features:

- DWDM, 50/100/200 GHz 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 :

Number of Channels	96 @ 50GHz
Channel Frequency	196.45 ~ 191.70 THz (1526.05~1563.86 nm)
Channel Spacing	50, 100 and 200 GHz
Measurement Speed	4 sec (all channels)
Measurement Range	+10 dBm ~ -40 dBm
Measurement Accuracy	< ±1.0 @-40 dBm
Power Resolution	0.01 dB
Maximum Total Input Power	500mW ~ 27dBm
Optical Connector	SC/APC
Display Unit	dB, dBm, nm, THz
Display	3.5" TFT-LCD, 16 bit Color
Battery / Power	Rechargeble Lithium-Polymer – 10hr.
Operating Temperature	-4° ~ +130° F (-20° ~ +55° C)
Weight	1.3 lbs (610 g)
Dimensions	8.75 h / 4.25 w / 2.5 d (inches)

ordering information

CO-OPM-96 Multi Band Power Meter, 96 chn, 1526.05nm-1623.86nm

CO-CASE Protective hard case

www.ChallengerOptics.com

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