Optical CWDM Power Meter

The optical CWDM Power Meter is designed to measure both wavelength and optical power of multi wavelength optical signals.

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

Application

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.

Product Information

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
Time of Operating: 600 min (when fully charged)
Operating Temperature: 0 ~ +50 ºC
Dimension: 78 x 155 x 35 mm
Weight: 250g

Technical Details