WPM

Wavelength Power Meter for Wireless Communication

TheFibers Wavelength Power Meter is designed to measure for Wireless Communication, both wavelength and optical power of full wavelength from 1270nm to 1610nm demux side. ABSOLUTELY all the wavelengths are measured by demux type (one wavelength each) in BTS (Base Transceiver Station) or Radio Repeater. WPM is Automatic Wavelength Detection type. That is, Users don't need know wavelength before testing. Also Users never possible to buy full wavelength power meter from 1270nm to 1610nm by this price in market!!

Special Features

• Automatic Wavelength Detection type (don't need know wavelength before testing)
• Test Shifted Wavelength for out of CWDM bandwidth
• Save Cost & Test Time (no need setting up wavelength)
• Compact size and Cheapest Price compare with present cwdm power meter
• Applicable for WCDMA, Wibro (WiMAX), LTE, FTTx/PON, 3G/4G, etc.
• Also Works as a typical Insertion Loss (I/L) meter
• Data Storage upto total 1600/1800 measurements

Specifications

Parameter	WPM-18 (or WPM-16[2])
Wavelength (nm) for Demux[1]	1270/1290/1310/1330/1350/1370/1390/1410/1430 1450/1470/1490/1510/1530/1550/1570/1590/1610
Operation Mode	Wavelength Power Meter / Insertion Loss Meter
Measurement Range	-40dBm ~ 10dBm
Accuracy	+/-0.5dB @-20dBm
Resolution	0.01dB
Unit	dBm, dB, nm
Fiber type	Singlemode 9/125um
Optical Interface	SC/PC (standard) or SC/APC or FC/PC or FC/APC
Photodetector type	InGaAs
Display	LCD (with LED backlight)
Battery	3.7V Rechargeable Lithium Ion Battery
Battery Life	25 hours (continuous usage)
Data Storage	100/1800 measurements per each wavelength
Operating Temperature (Humidity)	-10 ~ +50 ℃ (0 ~ 90%)
Dimension	138 (H) x 73 (W) x 30 (D) mm
Weight	205g

[1] Demux : WPM could be measured in demux side only (just for individual wavelength only).

[2] WPM-16 : Excluded 1370nm and 1390nm from WPM-18.

Standard Package

P/N: **WPM-18 (**or **WPM-16)**

    1 Power Meter (included Battery)
    1 AC Power Adaptor / Battery Charger
    1 Leather Pouch
    1 Necklace
    1 Manual
    1 Case

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