

WRX280 Optical Power Meter

Operates at Ten Standard Wavelengths

The WRX280 Optical Power Meter with 10mW VFL and Cable tracker is mainly used for continuous optical signal power measurement, optical fiber link loss test and optical fiber line on-off test. The machine is controlled by a single chip processor for all functions and operates at 10 standard wavelengths. It also offers frequency recognition, wavelength recognition, automatic shutdown, CW/1Hz/2Hz three red light modes, backlight display, wavelength memory, and user calibration. The unit has an installed rechargeable lithium battery with 700mAh capacity and comes with a 2.5mm SC/ST/FC universal interface. A 1.25mm adapter for the LC interface is also included.



Features

- Measures 10 standard wavelengths 850/980/1300/1310/1490/1550/1625/1650nm
- Power meter -70~+10dBm, Visual Fault Locator 10mW with three modes
- Identify CW/270/330/1k/2kHz modulated frequency
- Supports RJ45 network test, RJ45 line sequence measuring range is 300m
- Features automatic shutdown, backlight selection, wavelength memory function, and user calibration.
- 2.5mm FC/SC/ST universal interface, includes separate adapter for 1.25mm LC interface
- Support simultaneous display of linear mW and non-linear index dBm
- High resolution 3.5 inch color LCD display
- 500 groups of data storage, store and view at any time; Data interface Micro USB
- Rechargeable 700mAh large capacity battery



Specifications

Optical Power Meter	
Wave range	800nm - 1700nm
Connector	2.5mm interface, separate adapter for 1.25mm included
Detector Type	InGaAs
Power range	-50dBm to +26dBm
Uncertainty	+/- 5%
Wavelengths	850,980,1270,1300,1310,1490,1550,1577,1625,1650nm
Display resolution	Linear display - 0.1%; Logarithmic display - 0.01 dBm
Identified frequency	CW 270Hz, 330 Hz, 1kHz, 2kHz
Storage	500 groups of data storage
VFL	
Wavelength	650nm +/- 30nm
Output Power	10mW
Mode	CW, 1Hz, 2Hz
Connector	2.5mm interface, separate adapter for 1.25mm included
Additional Specifications	
Wavelength	650nm +/- 30nm
Interface	Type-C
Battery duration	120 hours (OPM)
Auto shutdown	10, 30, 60 minutes
Operating temperature	-10°C ~ +50°C
Storage temperature	-10°C ~ +50°C
Relative humidity	0 ~ 95%, No Condensation
Dimensions	4.3" x 2.7" x 1.1"
Weight	.5 lbs

Ordering Information

Part Number	Description
WRX280	Optical power meter with rechargeable battery with 10mW VFL and cable tracker, 1.25mm adapter, user manual, and service guarantee card