

FPM-20

Optical Power Meter



Key Features

- Easy-to-use interface with large display for easy visibility
- Cost efficient palm size tester designed for field and lab testing
- Supports Reference value
- Field changeable connectors
- Auto power shut off
- Low battery warning
- Unit runs either battery or AC/DC adapter.

Standard Package

- FC, SC or ST connectors
- Li-Ion Rechargeable Battery
- Operating Manual
- Soft carrying case
- AC Adapter

Related Products

FPM-21 series
FPM-22 series

Ordering Information

FPM-20X-Y
X – Model type (A or B)
Y – Connector type (FC, SC or ST)

The FPM-20 series are the compact version of FPM-2x series. The new design cuts the size by more than 60% and weight to the half; however it still remains excellent stability and accuracy, and large LCD display. Its Reference Value availability makes it an ideal test set for loss performance on optical fiber. It offers accurate, wide dynamic range wavelength from –60dBm to high measurement capability up to 26dBm.

Specifications

Model	FPM-20A	FPM-20B
Wavelength (nm)	850/1300/1310/1490/1550/1625	
Connector	Interchangeable FC, SC or ST	
Detector Type	InGaAs	
Relative Accuracy*	±0.35dB ±10nW	
Resolution	0.01dB	
Linearity	≤ 5%	
Auto Power Off	Yes	
Back-light	Yes	
Reference Value	Yes	
Value Display	dBm/dB/mW	
Display precision	0.01	
Tone Detection (Hz)	270, 1K, 2K (≥ -40dBm)	270, 1K, 2K (≥ -20dBm)
Measuring Range (dBm)	-60 ~ +10	-40 ~ +26
Operating Temperature	-10 ~ +50°C	
Storage Temperature	-20 ~ +70°C	
Power Supply	Li-Ion Battery, 5V AC/DC Adaptor	
Battery Life	50hrs (continuous use)	
Dimension (mm)	115L x 62W x 30H	
Net Weight	140g	

*: valid at 1550nm, CW, 23±3°C, relative humidity ≤ 70%, with an FC connector

Note: Specifications subject to change without notice

Options

Part Number	Descriptions
FPM-30-FC	FC/PC connector
FPM-30-SC	ST/PC connector
FPM-30-ST	ST/PC connector
MFA-FCLC	FC (Male) to LC (Female) Adapter
MFA-SCLC	SC (Male) to LC (Female) Adapter
MFA-STLC	ST (Male) to LC (Female) Adapter
Hard-case	Aluminum carrying case