



FPM-20E

Optical Power Meter

The FPM-20E series are the economical package to the Fibreoptica's optical power meter family to meet user who has limited budget. However it still remains the excellent stability and accuracy. It offers accurate, wide dynamic range wavelength from -70dBm to high measurement capability up to 26dBm . Its Reference Value availability makes it an ideal test set for loss performance on optical fiber.

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

Standard Package

- FC and SC connectors
- 2pcs AA Batteries
- Rubber boot
- Operating Manual

Related Products

- FPM-20 series
- FPM-21 series
- FPM-22 series
- FPM-30V series

Ordering Information

- FPM-20EX
- X – Model type (A or B)

Specifications

Model	FPM-20EA	FPM-20EB
Wavelength (nm)	850/1300/1310/1490/1550/1625	
Connector	Interchangeable FC, SC and 2.5mm Universal	
Detector Type	InGaAs	
Relative Accuracy*	$\pm 5\% \pm 1\text{nW}$	$\pm 5\% \pm 10\text{nW}$
Resolution	0.01dB	
Linearity	0.2dB	
Auto Power Off	Yes	
Back-light	Yes	
Reference Value	Yes	
Value Display	dBm/dB/mW/ μW	
Tone Detection (Hz)	270, 1K, 2K	
Measuring Range (dBm)	$-70 \sim +10$	$-50 \sim +26$
Operating Temperature	$-10 \sim +50^\circ\text{C}$	
Storage Temperature	$-20 \sim +70^\circ\text{C}$	
Humidity	$< 90\% \text{ RH}$	
Power Supply	2pcs AA Batteries AC/DC Adapter (Optional)	
Battery Life	50hrs (continuous use)	
Dimension (mm)	130L x 69W x 22H	
Net Weight	230g	

*: valid at 1550nm, CW, $23 \pm 3^\circ\text{C}$, relative humidity $\leq 70\%$, with an FC connector

Note: Specifications subject to change without notice

Options

Part Number	Descriptions
20E-ACDC	Rechargeable Battery and AC/DC Adapter
MFA-FCST	FC (Male) to ST (Female) Adapter
MFA-FCLC	FC (Male) to LC (Female) Adapter
MFA-SCLC	SC (Male) to LC (Female) Adapter
MFA-STLC	ST (Male) to LC (Female) Adapter