

EPM-50 Power Meter

FIBERBASIX 50 TESTER



SPEC SHEET

ALLOWS POWER MEASUREMENTS UP TO 26 dBm WITH BATTERY AUTONOMY OF OVER 300 HOURS; COMES WITH A SPECIFIC HIGH POWER CONFIGURATION FOR CATV AND TELCO MARKETS.

KEY FEATURES

- Rugged design
- Interchangeable connector adapters
- 300 hours of battery life
- Tone recognition for fiber identification
- Universal push-pull interface
- Reference function for direct loss measurements

APPLICATIONS

- High power model for CATV and Telco applications
- Enterprise/LAN for singlemode and multimode measurements

COMPLEMENTARY PRODUCTS



Optical Light Source
ELS-50



Fiber Inspector Probe
FIP-400



Visual Fault Locator
FLS-240



- 1 Rubber boot protector
- 2 Wrist strap
- 3 Cap protector
- 4 Stand

SPECIFICATIONS^a

MODEL	EPM-53	EPM-53X
Power meter port	InGaAs	InGaAsX
Power range ^b (dBm)	10 to -60	26 to -50
Number of calibrated wavelengths ^c	5	5
Power uncertainty ^d	±5 %	±5 %
Resolution (dB)	0.01	0.01
Display units	dB/dBm/W	dB/dBm/W
Tone detection (Hz)	270, 1 k, 2 k	270, 1 k, 2 k
Battery life (hours) ^d	>300	>300
Warranty (year)	1	1

GENERAL SPECIFICATIONS

Size (H x W x D)	189 mm x 78 mm x 37 mm (7 7/16 in x 3 1/16 in x 1 7/16 in)
Weight	0.4 kg (0.9 lb)
Temperature	operating -10 °C to 50 °C (14 °F to 122 °F) storage -40 °C to 70 °C (-40 °F to 158 °F)
Relative humidity	0 % to 95 % non-condensing

STANDARD ACCESSORIES

Soft pouch, PMA-22 FC connector adapter, quick reference sticker in five languages, Certificate of Calibration, Certificate of Compliance, three AA batteries

OPTIONAL ACCESSORIES

PMA-22 (FC connector adapter for EPM-50 power meter)
PMA-32 (ST connector adapter for EPM-50 power meter)
PMA-54 (SC connector adapter for EPM-50 power meter)
Manual (User guide)
GP-10-081 (Soft pouch)
GP-2124 (Rubber boot)

Notes

- a. All specifications valid at 23 °C ± 3 °C, with an FC/UPC connector
- b. In CW mode
- c. Wavelengths: 850 nm, 1300 nm, 1310 nm, 1490 nm, 1550 nm
- d. Typical

ORDERING INFORMATION

EPM-5X-PMA-22-XX	
EPM-53 = InGaAs detector	RB = With rubber boot protector
EPM-53X = High-power InGaAs detector	OO = Without rubber boot protector
Example: EPM-53X-PMA-22-RB	PMA-22 = FC adapter for power meter

EXFO is certified ISO 9001 and attests to the quality of these products. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. EXFO has made every effort to ensure that the information contained in this specification sheet is accurate. However, we accept no responsibility for any errors or omissions, and we reserve the right to modify design, characteristics and products at any time without obligation. Units of measurement in this document conform to SI standards and practices. In addition, all of EXFO's manufactured products are compliant with the European Union's WEEE directive. For more information, please visit www.EXFO.com/recycle. Contact EXFO for prices and availability or to obtain the phone number of your local EXFO distributor.

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