

FIBERMASTER OPTICAL POWER METER



KEY FEATURES

- ✓ Wide Wavelength Range (800-1700nm)
- ✓ High Accuracy & Resolution
- ✓ Large, Easy-to-Read LCD Display
- ✓ Long Battery Life (240h with 1.5V Batteries)

MODEL FM50~20

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Branch: GUWAHATI | KOLKATA |
MUMBAI | CHENNAI | DELHI

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FiberMaster Optical Power Meter

Technical Specifications

Specification	FM70-06	FM50-20
Wavelength Range (nm)	800 ~ 1700	800 ~ 1700
Detector Type	InGaAs	InGaAs
Measurement Range (dBm)	-70 ~ +6	-50 ~ +26
Measurement Uncertainty	±5%	±5%
Calibrated Wavelengths (nm)	850 / 980 / 1300 / 1310 / 1490 / 1550	850 / 980 / 1300 / 1310 / 1490 / 1550
Resolution (dB)	0.01	0.01
Optical Connector	FC (SC/ST interchangeable) / 2.5 mm universal	FC (SC/ST interchangeable) / 2.5 mm universal
Power Supply	3 × AA 1.5V Alkaline Batteries	3 × AA 1.5V Alkaline Batteries
Battery Operating Time	Up to 240 Hours	Up to 240 Hours
Operating Temperature	-10°C ~ +60°C	-10°C ~ +60°C
Storage Temperature	-25°C ~ +70°C	-25°C ~ +70°C
Relative Humidity	0 – 95% (Non-condensing)	0 – 95% (Non-condensing)
Dimensions (mm)	175 × 82 × 33	175 × 82 × 33
Weight (g)	310	310

Key Advantages

- ✓ Wide wavelength range 800–1700 nm
- ✓ High precision measurement with 0.01 dB resolution
- ✓ Long battery backup (240 hours)
- ✓ Compatible with FC / SC / ST connectors
- ✓ Compact, lightweight, and field-ready design

 **JET FIBER**®  

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