FPM-50

FPM-50A

VFL-25125

Designed to measure both the absolute optical power and relative power loss in fiber optic cables. These power meter features the following:

- Measures a wide variety of wavelengths from 800-1650 nm, with a mere 0.01 dB resolution
- Measures 6 preset calibrated wavelengths with high precision to determine absolute or relative power
- Special function of the unit allows the device to be manually calibrated as needed
- Comes with FC and SC adapters so that fiber connectors can be directly connected to the tool
- LED screen is backlit for viewing in low light locations and a 10 minute auto-off helps preserve battery life
- Dust-proof button design and shatter-resistant sleeve protect the tool to last a lifetime
- Recommended for use with FLS-50 optical light source. (See page 2).
- FPM-50 Includes: Fiber Optic Power Meter, Instruction Manual, Protective Cover, (3) AA Batteries (required for operation), (2) Cleaning Swabs, FC Adapter, SC Adapter & Nylon Carrying Case
- FPM-50A includes: FPM-50 and all the components listed above as well as the VFL-25125 (LC Adapter.)

SPECIFICATIONS	FPM-50	FPM-50A
CONNECTOR TYPES	FC, SC	FC, SC, LC
CALIBRATED WAVELENGTHS (NM)	850, 980, 1300, 1310, 1490, 1550, 1625, 1650	850, 980, 1300, 1310, 1490, 1550, 1625, 1650
DETECTOR TYPE	InGaAs	InGaAs
MEASUREMENT RANGE	-50 dBm to +26 dBm	-50 dBm to +26 dBm
SINGLE MODE RANGE	980, 1310, 1490, 1550, 1625, 1650 nm, $\leq \pm 0.25$ dB	980, 1310, 1490, 1550, 1625, 1650 nm, $\leq \pm 0.25$ dB
MULTI MODE RANGE	850, 1300 nm, $\leq \pm 0.8$ dB	850, 1300 nm, $\leq \pm 0.8$ dB
RESOLUTION	0.01 dB	0.01 dB
OPERATING TIME	≥130 hours	≥130 hours
BATTERY TYPE	(3) AA batteries	(3) AA batteries
DIMENSIONS	7" x 3.25" x 1.5" (17.78 cm x 8.26 cm x 2.54 cm)	7" x 3.25" x 1.5" (17.78 cm x 8.26 cm x 2.54 cm)
WEIGHT	1.50 lb (680 g)	1.50 lb (680 g)
UPC NO.	811490019089	811490019966

MADE FOR LIFE®

FLS-50

Designed to provide either 1310 nm or 1550 nm wavelengths, this optical light source is the perfect tool for providing a stable light source for single mode fiber measurements. This optical light source features the following:

- Highly stable output power and wavelengths
- Has four different modulation outputs (CW, 270 Hz, 1 kHz, 2 kHz) at 1310 nm and 1550 nm wavelengths
- Flush button design makes it easy to use and prevents dust from entering the unit
- Shatter-resistant sleeve protects the light source from falls or other damage
- Backlit LCD screen provides a clear display, ideal for dark places
- Includes: Fiber Optic Light Source, FC Adapter, LC Adapter, SC Adapter, (2) Cleaning Swabs, (3) AA Batteries (required for operation), & a Storage Pouch

SPECIFICATIONS	
CONNECTOR TYPES	FC, SC, LC
WAVELENGTHS	1310/1550 nm
TYPICAL OUTPUT POWER	-7 dBm
OUTPUT STABILITY	± 0.05 dB / 15 min or ± 0.1 dB / 8 hr
OPERATING TEMPERATURE	-10 ± 60°C
SPECTRAL WIDTH	≤ 10 nm
MODULATION FREQUENCIES	CW / 270 Hz / 1 kHz / 2 kHz
POWER SUPPLY	(3) AAA 1.5V alkaline batteries
STORAGE TEMPERATURE	-25 ± 70°C
DIMENSIONS	7" x 3 3/16" x 1 1/4" (17.78 cm x 8.10 cm x 3.18 cm)
WEIGHT	0.902 lb (0.409 kg)
UPC NO.	8111490018549

MADE FOR LIFE®

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Jonard Tools:
FPM-50A FLS-50