

Fiber Optic Power Meter

Nylon Carry Case

VFL-25125



(2) Cleaning Swabs

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.)
- FPM-55 & FPM-70** includes: FPM-50 and all the components listed above as well as FC, SC, LC adapters. Data Storage included for the **FPM-55**

SPECIFICATIONS	FPM-50	FPM-50A	FPM-55	FPM-70
CONNECTOR TYPES	FC, SC	FC, SC, LC	FC, SC, LC	FC, SC, LC
CALIBRATED WAVELENGTHS (NM)	850, 980, 1300, 1310, 1490, 1550, 1625, 1650	850, 980, 1300, 1310, 1490, 1550, 1625, 1650	850, 980, 1300, 1310, 1490, 1550, 1625, 1650	850, 980, 1300, 1310, 1490, 1550, 1625, 1650
DETECTOR TYPE	InGaAs	InGaAs	InGaAs	InGaAs
MEASUREMENT RANGE	-50 dBm to +26 dBm	-50 dBm to +26 dBm	-50 dBm to +26 dBm	-70 dBm to +6 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	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	850, 1300 Nm, $\leq \pm 0.8$ dB	850, 1300 Nm, $\leq \pm 0.8$ dB
RESOLUTION	0.01 dB	0.01 dB	0.01 dB	0.01 dB
OPERATING TIME	≥ 130 hours	≥ 130 hours	≥ 130 hours	≥ 130 hours
BATTERY TYPE	(3) AA batteries	(3) AA batteries	(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)	6.89" x 3.54" x 1.75" (175 mm x 90 mm x 44.5 mm)	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)	0.66 lb (300 g)	1.50 lb (680 g)
UPC #	811490019089	811490019966	810053350416	810053350478