



Measuring instruments

Optical power meter

art. 19-426 FO-POWER METER 7 dBm



- Device for measuring optical power in singlemode and multimode fibers.
- PON, Telecom, CATV e LAN/WAN applications.
- High accuracy and wide dynamic range.
- High contrast and backlit display: visible outdoors and in low light conditions.
- Reference power level setup and recall.
- Integrated universal 2,5 mm sleeve.
- Field interchangeable optical adaptors support multiple connector types and allow for easy access/cleaning.
- Save measurements (>100 single results).
- Transfer stored results to a PC or upload results to Fiberizer Cloud for report generation and printing *.
- Remote control via PC.
- Auto-power function.
- Dust and splash resistant keyboard.
- Powered by two AA alkaline batteries and 5 Vdc charger included.
- Battery operating time: 100 hours (without backlight).
- CE compliance with IEC 61326.

* **Fiberizer Desktop PC software and Fiberizer Cloud**

Test results can be transferred from the device to a PC running Fiberizer Desktop software (LT-Sync software).
A complete analysis can be performed off-line remotely, while the data is saved on the Cloud Fiberizer Cloud.

Code	19-426
Item	FO-POWER METER 7 dBm
OPTICAL POWER METER CHARACTERISTICS	
Calibrated wavelengths	850 / 1300 / 1310 / 1490 / 1550 / 1625 / 1650 nm
Power level range	-65 to +7 dBm
Power measurement accuracy	Single-mode: $\pm 5\%$ ($\pm 0,2$ dB) -65 to +7 dBm; $\pm 10\%$ ($\pm 0,45$ dB) -65 to -50 dBm; Multimode: $\pm 8\%$ ($\pm 0,36$ dB) -65 to +7 dBm; $\pm 13\%$ ($\pm 0,60$ dB) -65 to -50 dBm.
Linearity	Single-mode: $\pm 2,5\%$ ($\pm 0,11$ dB); Multimode: $\pm 4\%$ ($\pm 0,17$ dB)
Display resolution	0,01 dB
Optical adaptors (interchangeable)	FC, SC
GENERAL CHARACTERISTICS	
Dimensions (LxWxH)	38x61x129 mm
Weight	< 310 gr
Material	Rugged, polycarbonate chassis (1 meter drop tested)
Battery	2 AA alkaline batteries
Power supply	Micro USB interface; 5 Vdc charger
PC connection	Micro USB interface, remote control and data transfer via LT-Sync PC software
Storage	>100 results without timestamp
Display	High contrast, 28x23 mm (35 mm), B&W transfective LCD; 96x80 pixel with backlight
Operating temperature	-10 °C to +50 °C
Storage temperature	-20 °C to +70 °C
Humidity	0% to 95%, non-condensing

