

Intelligent Fiber Fault Locator (OFL-100)

—A low-cost tool optical fault locating

OFL-100 series are unique design tools for daily maintenance of optical fault locating and analyzing.

OFL-100 series feature hand-held, compact, lightweight and easy-to-use. It is so powerful to measure both attenuation and events reflection. Besides, OFL-100 can save and transfer the measurement curves data (maximum 200 curves) to a PC by the software “Trace Manager” for further analyzing, reporting and printing.

Features

- Lightweight, portable
- High precise measurement, large memory capacity (200 test curves)
- Without hard disk design, anti-dust, damp and shock proof for field test
- RS-232/USB data upload port
- PC software for measurement data analyzing and reporting
- Support measurement of both attenuation and reflection events
- Display measurement by graphics curves
- NiMH rechargeable battery support 10 hours continuous operations
- CE, FCC, FDA certificate



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Technical Specifications

Moel	OFL-100A	OFL-100B
Wavelength($\pm 20\text{nm}$)	1310	1550
Rang of Use	Single-mode	
Maxi.Measurement Ranges(Km)	60	100
Display Type	B&W	
Emitter Type	LD	
Connector Type	FC/PC (interchangeable SC,ST)	
DistanceMeasure Accuracy	$\pm(1 \text{ m} + 5 \times 10^{-5} \times \text{Distance} + \text{sampling space})$	
Attenuation Detect Accuracy	$\pm 0.05\text{dB/dB}$	
Data Storage	200 test curves	
Data Transmission	RS-232/USB	
General Specifications		
Power Supply	NiMH rechargeable battery/AC adapter	
Battery Life	Support over 10 hours continuous operating on one charge or over 20 hours standby	
Operating Temp.	0°C ~ 50°C	
Storage Temp.	-20°C ~ 70°C	
Relative Humidity	0 to 95% (non-condensing)	
Weight	1.9 lbs (870g)	
Dimension (H x W x T)	7.7×3.9×2.4 inch (196×100×60mm)	

Note: Specifications subject to change without notice.

Ordering Information

Standard Configuration:

Instrument, rechargeable NiHM battery, AC adapter, OFL data analysis software disk, Data transfer cable(RS232/USB), Compact carrying soft bag, Rubber boot, Warranty card, CE certificate, Certificate of Calibration, User's manual.

Optional Accessory:

Part Description	Part Number(P/N)	Part Description	Part Number(P/N)
50 m, optical patch cord	AC-FJC-50-FC/FC	Ceramics core for LS	AC-FRL-C
SC connector for LS	AC-CONN-SC-L	ST connector for LS	AC-CONN-ST-L

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