



Precision Rated Optics

Work with a PRO!

3 Year
Warranty!

PRO[®]-ILRL

Optical Insertion Loss/ Optical Return Loss Meter



- 4 tools in 1: Optical Insertion Loss Meter, Optical Return Loss Meter, Power Meter, CW Laser Source
- High-precision ORL testing at 2 wavelengths (SM 1310/1550nm)
- Powered by Li-ion battery or AC power supply
- Includes FC/SC/ST connector adapters

The PRO Optical Insertion Loss/Optical Return Loss meter (p/n: PRO-ILRL) is an integrated tester for fiber optic technicians and cable manufacturers. Particularly useful for installation, the lightweight, handheld multi-function meter allows a technician to instantly ascertain the quality of a particular fiber section or a complete network.

The PRO-ILRL combines 4 tools in 1: Optical Insertion Loss Meter, Optical Return Loss Meter, CW Laser Source and Power Meter, all in one compact, ruggedized, handheld unit. The wide range of onboard tools allow the PRO-ILRL to be used in Optical Telecom, CATV Networks and Enterprise Accounts, as well as in lab environments, research environments and cable manufacturing.

www.PrecisionRatedOptics.com

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Return Loss Meter

Output Wavelength (nm)	1310nm, 1550nm
Measurement Range	0-55dB; 0.4dB; 55-65dB; 1dB
Calibrated Wavelengths	1310nm & 1550nm
Measurement Accuracy	0-55dB/15min
Stability	0.05dB/15min
Connector Type	FC/APC, SC/APC, ST/APC
Resolution	0.1dB
Data Storage	500 Test Results
Power Output	-2dBm

Laser Source

Calibrated Wavelengths	1310, 1550nm
Measurement Range	0-70dB
Measurement Accuracy	0-60dB:0.2dB; 60-70dB:1dB
Data Storage	500 Test Results
Connector Type	FC/SC/ST

Power Meter

Calibrated Wavelengths	850nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm
Measurement Range	-70dBm-7dBm
Measurement Accuracy	-70dBm~-60dBm: 1dB; -60dBm-7dBm: ± 0.2dB ± 1nW
Modulation Detection	270HZ, 1KHZ, 2KHZ
Resolution	-70~ -60dBm:0.1dB; -60~-7dBm:0.01dB
Data Storage	500 Test Results
Connector	FC/SC/ST

Other

Adapter	Input: AC100-240V50/60Hz Output: DC6V/1A
USB Connector	Yes
Battery	2*AANI-MH 1.2V2500mAh Rechargeable
Working Temperature	-5~+50 °C
Storage Temperature	-20~+70 °C
Working Humidity	0-90% No Condensing
Support Remote Upgrade	Yes

PRO-ILRL Standard Package Includes:

User Manual, Rechargeable Batteries, Carrying Bag, Interchangeable FC/SC/ST Connectors, AC/DC Adapter/Charger, PC Software CD, USB Connecting Cable, Test Report, FC/APC-FC/APC Patchcord, FC/APC-FC/PC Patchcord, Cleaning Swabs.