

CLR-ORL-1315

Fiber Optical Return Loss Tester



Overview

CLR-ORL-1315 handheld return loss tester is used to measure the return loss on the links in fiber optic fields, in order to ensure the quality of the end-to-end optic fiber links, and to make sure the fiber optic communication is in good condition.

Applications

- Maintenance in telecommunication projects
- CATV project maintenance
- FTTx projects
- Digital data network project maintenance
- Education and research in optical communications
- Other fiber-optic projects

Features

- Measurement of return loss
- Measurement of insertion loss
- Measurement of optical power
- Optical laser source function
- Up to 500 measurement results can be stored in the unit.

Specifications

Return Loss Testing

Operating Wavelength	- 1310/1550nm
Plus Width	- <5nm
Displaying range	- 6 ~ 70db
Accuracy	- ± 0.5 dB
Resolution	- 0.01dB

Power Meter

Wavelength Range	- 850 ~ 1650nm
Calibration wavelength	- 850, 1300, 1310, 1490, 1550, 1625 nm
Detector type	- InGaAs
Displaying Unit	- dBm, dB, W
Displaying Range	- -70 ~ +6dBm
Max. Output Power	- +6dBm
Resolution	- 0.01dB
Accuracy	- 0.3dB

Laser Source

Operating Wavelength	- 1310/1550nm
Plus Width	- <5nm
Max Output Power	- -3dBm
Stability (dB, 30min)	- ± 0.05 dB
Modulation (Hz)	- CW, 270, 1K, 2K