
FibreSales

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fibresales Fibre Optic Optical Domain Reflectometer - F2



fibresales F2 OTDR 1310/1550nm

The fibresales F2 OTDR is a cutting-edge Optical Time Domain Reflectometer designed for efficient testing and troubleshooting of fiber optic networks. With dual-wavelength testing capabilities at 1310 nm and 1550 nm, the F2 OTDR provides precise measurements and enhanced performance for single-mode fibre applications.

Applications:

- **Telecommunications:** Fibre optic link installation and maintenance.
- **Data Centres:** Testing of interconnects and high-bandwidth networks.
- **FTTx Deployments:** Testing of Fibre to the Home (FTTH) and Fibre to the Premises (FTTP).
- **Industrial Networks:** Monitoring and troubleshooting of fibreoptic links in industrial applications.

Features:

- **Wavelength Testing:** 1310 nm and 1550 nm for comprehensive analysis of fibre optic networks.
- **Dynamic Range (28/26dB):** Ensures accurate readings over longer distances with minimal loss
- **User-Friendly Interface:** Intuitive touchscreen display with easy navigation for efficient operation.
- **Fast Test Time:** Equipped with advanced algorithms for rapid test completion and quick troubleshooting.
- **Compact & Portable Design:** Lightweight and rugged construction for field use.
- **Automated Event Analysis:** Quickly identify events and faults with automated analysis features



Technical Specifications

Model #	F2 OTDR
Wavelength	1310/1550nm
Dynamic Range	22/26dB
Deadzone	0.8/4
Pulse Width	3ns, 5ns, 10ns, 20ns, 50ns, 100ns, 200ns, 500ns, 1μs, 2μs, 5μs, 10μs, 20μs
Test Range	100m, 500m, 2km, 5km, 10km, 20km , 40km, 80km, 120km, 160km, 240km
Minimum sampling resolution	0.05m
Maximum sampling point	256,000
linearity	≤0.05dB/dB
Loss resolution	0.001dB
Distance resolution	0.01m
Distance accuracy	±(1m+Range×3×10 ⁻⁵ +Sampling resolution) (Regardless of the refractive index)
Monitor	5.6 "TFT LCD 640 * 480
Battery	7.4V/2500mAh X 2 lithium battery(Aviation certification)
Working temperature	Working temperature : -10°C~+50°C ; Storage temperature : -20°C~+70°C
Relative humidity	≤95%(No condensation)
Size and weight	215×155×68mm/1.1kg(Including 2 batteries)
VFL	10KMS, 10mW, CW/2Hz
OPM	-10dBm~-70dBm
Laser source	Output : -5dBm±2dB, Frequency : CW/270Hz/1KHz/2KHz

Ordering Code:

F22 - SinglemodeOTDR
1310/1550nm -
28/26dB

