
FibreSales

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fibresales Fibre Optic Optical Domain Reflectometer



fibresales OTDR

The fibresales OTDR range are cutting-edge Optical Time Domain Reflectometers, designed for efficient testing and troubleshooting of fibre optic networks. With optional wavelength testing capabilities, these OTDRs provide precise measurements and enhanced performance for 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:** available options:- Quad 850/1300/1310 and 1550 nm SM 1310/1550, SM 1310/1550/1625nm for comprehensive analysis of fibre optic networks.
- **Dynamic Range:** From 30/42dB. 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.
- **Deadzone (Metre):** F4 Model=SM 0.8/4 MM2/5
F2 - F3 Model = 0.8/4



Technical Specifications

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:

F2 - Singlemode OTDR	1310/1550nm - 28/26dB
F2h - Singlemode OTDR	1310/1550nm - 35/33dB
F3 - Singlemode OTDR	1310/1550/1625nm -35/33/32dB
F3h - Singlemode OTDR	1310/1550/1625nm -42/40/38dB
F4 - Quad OTDR	850/1300/1310/1550nm -28/26/22/26dB
F4h - Quad OTDR	850/1300/1310/1550nm -35/32/22/26dB

