

OTDR

General information about ADOF-1130 OTDR

Featuring intuitive touchscreen controls, real-time data analysis, and more, the ADOF-1130 is the ideal test instrument for constructing, deploying, maintaining, and authenticating FTTx networks - as well as verifying access networks.

Multiple models and configuration options ensure your unique measurement needs are covered.

Dual or multiple wavelengths and a choice of dynamic ranges (spanning from 28 to 39dB) are also available.

Key Benefits:

- ✓ High performance OTDR for FTTx and RFoG networks
- ✓ LCD touchscreen places power and convenience at your fingertips
- ✓ Excellent short-distance performance with 0.8m event dead zone and 4m attenuation dead zone
- ✓ Broad dynamic range coverage (28 - 39 dB)
- ✓ Minimum 5cm resolution
- ✓ Intelligent analysis of events
- ✓ Excellent stability and repeatability
- ✓ Fiber Pass" intelligent analysis feature
- ✓ Multiple options for your measurement needs, including: VFL, power meter, light source, and optical fiber microscope
- ✓ Complete user data ports: support LAN, USB, SD, & more
- ✓ The results support a variety of analysis functions, such as ORL, 4pt, define section etc.



Technical specification of the device:

- Wavelength(nm):1310/1550/1625
- Wavelength Accuracy(nm): ± 20
- Dynamic(dB):37/35/35
- Event Dead Zone(m): ≤ 0.8 m
- Attenuation Dead Zone(m): ≤ 4 m
- Distance Range:100m, 400m, 1.5km, 3km, 6km, 12km, 25km, 50km, 100km,200km, 400km
- Sampling Resolution(m):0.05~12.8
- Sampling Point:256000
- Distance Accuracy(m): $\pm(0.75\text{m} + 0.001\% \times \text{Distance} + \text{Sampling Resolution})$
- Loss Threshold:0.01dB
- Loss Resolution:0.001 dB
- Pulse Width:3ns, 5ns, 10 ns, 30 ns, 50 ns, 100 ns, 200 ns, 500 ns, 1 μ s, 2 μ s,5 μ s, 10 μ s, 20 μ s
- Measurement Time Range:5s~5min, real time
- Memory Capacity:>10,000 OTDR traces, exportable to USB or Computer

General Specifications

- Display:7 inch (178mm) 800 \times 480 dot matrix TFT touch screen
- Interface:USB2.0 $\times 2$, RJ45 $\times 1$, TF $\times 1$ (Max,64GB)
- Battery Autonomy:8 hours of measurement usage (Max)
- Language:Chinese, English, Spanish, Portuguese, French, Russian, Italian(German, Korean and Arabic are optional)
- Dimension(L \times W \times D):206mm*171mm*75mm
- Weight:<2kg

