

MINI Optical Time Domain Reflectometer (OTDR)

AYFHO3000 Series



FEATURES

- ❖ Hand-Held and portable.
- ❖ High cost performance
- ❖ 5-inch HD touch screen
- ❖ Simple interface and One-click test
- ❖ Long working hours
- ❖ Support multi-language

APPLICATIONS

- ❖ CATV network testing
- ❖ Access network testing
- ❖ LAN/WAN network testing
- ❖ Lab & Factory testing
- ❖ Live fiber troubleshooting

Ordering Information

Type	Testing Wavelength	Dynamic Range	Event/Attenuation dead-zone
AYFHO3000-D26	1310/1550nm	26/24dB	1m/6m
AYFHO3000-D35	1310/1550nm	35/33dB	1m/6m

Specifications

Pulse Width	3ns, 5ns, 10ns, 20ns, 50ns, 100ns, 200ns, 500ns, 1μs, 2μs, 5μs, 10μs, 20μs(only for D35)
Distance Range	100m, 500m, 2km, 5km, 10km, 20km, 40km, 80km, 120km, 160km, 240km
Sampling Resolution	Minimum 5cm
Sampling Point	Maximum 128,000 points
Linearity	≤0.05dB/dB
Loss Threshold	0.01dB
Loss Resolution	0.001dB
Distance Resolution	0.01m
Distance Accuracy	±(1m+measuring distance×3×10 ⁻⁵ +sampling resolution)(excluding IOR uncertainty)
Data Storage	20,000 groups of curve
Interface	3×USB port (Type A×2 Micro-USB×1)
Display	5 inch TFT-LCD (touch screen)
Battery	7.4V/3.3Ah lithium battery (with aviation certification), continuous 6 hours working
Working Temp.	-10°C~+50°C
Storage Temp.	-20°C~+70°C
Humidity	≤95% (non-dew)
Dimension	195×140×46mm / 0.9kg (battery included)
Accessories	Main unit, 12V power adapter, Lithium battery, FC adapter, USB cord, User guide, CD disk, Carrying case, Safe belt
VFL Module (optional)	Wavelength 650 nm Power 10 mW(CW) Range 12 km
OPM Module (optional)	Wavelength range : 800-1700nm Calibrated 850/1300/1310/1490/1550/1625/1650nm Test Range -60~+5dBm
Optional Parts	SC, ST, LC adapter, Bare fiber adapter



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