



FHO1000 Handheld OTDR

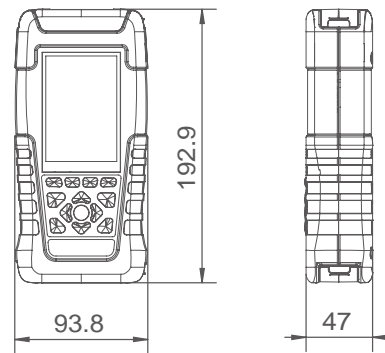


FHO1000-D28



FHO1000-D22

- 3.5 inch color LCD, portable design and easy to carry.
- Support 10mw VFL, stable laser source, optical power meter, RJ45 line sequence test, Fiber link map and other functions.
- Ultra short 1m/4m deadzone
- 28dB dynamic range support over 100km optical fiber measurement.
- OTDR testing and curve view analysis can be controlled through the mobile phone app.
- PDF report generation is available on phone app
- Fast real-time test response and trace refresh speed



Items	Specifications
Fiber Type	SMF
Distance Range	500m, 1km, 2km, 5km, 10km, 20km, 40km, 80km, 120km
Pulse Width	3ns/5ns/10ns/30ns/50ns/100ns/275ns/500ns/1us/2us/5us/10us/20us
Event Dead-zone①	≤1m
Attenuation Dead-zone①	≤4m
IOR Setting	1.000~1.999
Sampling Points	64000
Sampling Resolution	0.05m (1km)
Distance Accuracy	$\pm(1m + \text{Test distance} \times 3 \times 10^{-5} + \text{Sampling resolution})$ (excluding IOR uncertainty)
Loss Accuracy	0.1dB
Linearity	≤0.05dB/dB
Reflectance Accuracy	±2dB
VFL	Working wavelength: 650±10nm Output power: 10mW, CW/1Hz/2Hz
Stable OLS	Working wavelength: Consistent with OTDR Output power: >-12dBm, CW/270Hz/1kHz/2kHz
Normal OPM	Calibrated wavelength: 850/1300/1310/1490/1550/1625/1650nm Test range: -60~+10dBm

