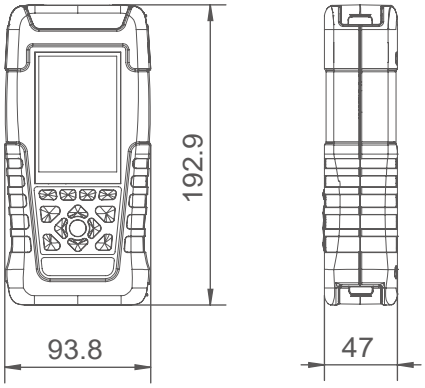

FHO1000 Handheld OTDR

- 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.
- Fast real-time test response and trace refresh speed

CE ISO 9001 14001 45001

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	±(1m+Test distance×3×10^{-5}+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

Items	Specifications
RJ45 Test	RJ45 line sequence test according to TIA568-A or TIA568-B standard
Optical Interface	OTDR: FC/UPC or SC/UPC VFL: 2.5mm universal port OLS: share the OTDR port OPM: 2.5mm universal port
Electrical Interface	RJ45 port×2, RJ45 remote module USB Type-C charging port and data port
Wireless	Bluetooth
Mobilephone APP	Android system
Data Storage	Pluggable 16GB micro SD card
Available Lanaguage	English, Spanish, Portuguese, Russian, Hungarian and German (please contact sales for other languages)
Battery	5000mAh lithium battery
Working Temp	-10℃~+50℃
Humidity	0~85%(non condensing)
Dimension	192.9L×93.8W×47Hmm
Weight	0.57kg

Model	Wavelength	Dynamic Range	Dead-zone	Color (default)	Bluetooth	Live Fiber Test
FHO1000-D22	1310/1550nm	22/20dB	1/4m	Blue	Support	Not support
FHO1000-D28	1310/1550nm	28/26dB	1/4m	Orange	Support	Not support
FHO1000-SA20F	1650nm	20dB	1/4m	Blue	Support	Support
FHO1000-SP20F	1625nm	20dB	1/4m	Blue	Support	Support

Notes

1: Deadzone test conditions: event deadzone return loss>-45dB, attenuation deadzone return loss >-55dB.

2: FHO1000-SA20F/SP20F supports live fiber test, and the maximum light intensity in the link is 0dbm(1310nm/1490nm/1550nm).

3: FHO1000 series OTDR has the function of normal broadband power meter, and FHO1000-SA20F/SP20F also support 1490nm/1577nm selective optical power meter.