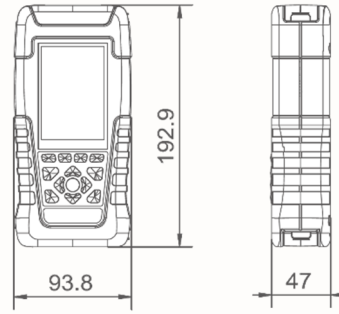# Mini OTDR Handled

Description

ORCA® Mini OTRD handled, with 3.5 inch color LCD; very portable design
and easy to carry. Support 10mw VFL, stable laser source, optical power meter,
R145 line sequence test. Fiber link map and other functions.
Ultra short im/4m deadzone, 0 28dB dynamic range support over 100Km optical fiber measurement.
OTDR testing and curve view analysis can be controlled through the mobile phone app by BTH.
Fast real-time test response and trace refresh speed.

Cable Construction

Fiber Type	SMF - 1310/1550nm - 28/26dB
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-zoned (1)	≤ 1m
Attenuation Dead-zone (1)	≤ 4m
IOR Setting	1.000~1.999
Sampling Points and resolutio	64000 / 0.05m (1km)
Distance Accuracy	$(1m + \text{Test distance} \times 3 \times 10^{-5} + \text{Sampling resolution})$ (excluding IOR uncertainty)
Loss Accuracy and Linearity	0.1 dB
Reflectance Accuracy	±2 dB
VFL	Working wavelength: 650±10nm Output power: 10mW, CW/1Hx/2Hz
Stable OLS	Working wavelength: Consistent with OTDR Output power: >-12dBm, CW/270Hz/1kHz/2kHz
Normal 0PM	Calibrated wavelength: 850/1300/1310/1490/1550/1625/1650nm Test range: -60 ~ +10dBm
RJ45 Test	RJ45 line sequence test according to TIA568-A or TlA568-B standard
Optical Interface	OTDR: FC/UPC or SC/UPC OLS: share the OTDR port VFL: 2,5mm universal port OPM: 2,5mm universal port
Electrical Interface	Rj45 portx2. RJ45 remote module USB Type-C charging port and data port
Mobile phone APP / Wireless	Android system by Bluetooth connection
Data Storage	Pluggable 16GB micro SD card
Available Lanaguages	English. Spanish. Portuguese (please, contact sales for other languages)
Battery	5000 mAh lithium battery
Working Temp / Humidity	-10°C ~ +50°C / 0 ~ 85% (non condensing)
Dimension / Weight	192,9L x 93,8W x 47,0H mm / 0,57kg

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

Ordering Information code:

OC-FTL-OTDR-R	MINI OTDR handled, 1310/1550 28/26dB 4m-80Km, multifunction with VFL-OLS-OPM, basic RJ45 Interface, bht

agg. 03/2023

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