

Micro OTDR

OTDRs are well equipped for troubleshooting problems. They allow you to visually locate reflective events like connections and fiber breaks and non-reflective events like splices and tight bends by studying the graphical trace. The power difference between two points on the trace is an estimate of optical loss.

Features

- Convenient one-button testing.
- High speed signal processing, less test time and fast analysis.
- High contrast color TFT LCD.
- USB port connect to PC.
- Internal memory can store up to 10000 waveforms.
- Input optical signal auto detection and self-protection.
- User-friendly OTDR simulation software shows details of events.

Technical specification

Parameter	Value	
	3C-MOT-107-WD1-C	3C-MOT-107-WD2-C
Wavelength	1550/1310nm	1550/1310nm
Dynamic Range dB *	28dB/26dB	32dB/30dB
Maximum Distance **	100Km	120Km
Event Dead Zone ***	1.5m	
Attenuation dead zone	8.0m	
Pulse width	10ns,20ns,50ns,100ns,300ns,1.0µs,2.5µs,10µs,20µs	
Distance Uncertainty	0.8m 0.001% * testing distance resolution	
Loss Resolution	0.001dB	
Min. Distance Resolution	1m	
Connector	FC interchangeable adapter (optional: SC,LC interchangeable adapters)	
VFL	1mW	
Data Storage	> 10000 traces (standard 1GB SD card)	
Display	3.5 inch TFT color LCD	
Interface	USB	
Battery	Built-in rechargeable battery	
Working Time	>10 Hrs. (Bellcore TR-NWT-001138)	

* Pulse width 10us, average time>5 minutes, SNR=1, 23°C± 2°C, ** @1550nm, one fiber without adapter and splicing connection, *** Pulse width 10ns, terminal reflection loss>40dB.

Ordering Information

Part Code	Description
3C - MOT-107-WD-C	Micro OTDR

W- (WD1- 1550/1310nm, 28dB/26dB, WD2- 1550/1310nm, 32dB/30dB)

C- (C1- FC/SC/ST/PC, C2-FC/SC/APC)

Standard Accessories:

- AC/DC adapter with power cord
- Operation guide
- Carrying bag
- Certificate of Calibration
- USB cable
- SD card

Optional Accessories:

- SC interchangeable connector
- LC interchangeable connector

