Renotronics

RT-62
Multi-Function OTDR





(Handheld Mode)



(Desktop Mode)

Features

- Event Dead Zone ⩽ 1.5M
- Max Dynamic Range ⩾ 26dB
- Live Fiber test
  (use 1550nm in 1490/1577nm downstream network)
- OTDR Event Map and Curve
- OPM with splitter function
  (for 1490nm/1577nm only)
- Build-in VFL and Laser Source
- Support RJ45 sequence and track
- Bluetooth Remote Control
  (Mobile App requires)

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RT-62 Multi-Function OTDR

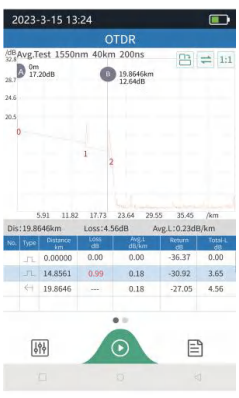
SPECIFICATION

Number	OTDR	
	R1	R5(no live test)
Type	G.652 SM	
Wavelength	1550nm±20nm	1310/1550nm
Dynamic Range (dB)	24	26/24dB
Event Dead Zone	1.5m	
ATT Dead Zone	8m	
Test Range	100m/300m/500m/1.25km/2.5km/5km/10km/20km/40km/80km/100km	
Pulse Width	5ns/10ns/20ns/30ns/50ns/80ns/100ns/200ns/300ns/500ns/800ns/1μs/2μs/3μs/5μs/8μs/10μs/20μs	
Ranging Accuracy	± （1m+Sample interval+0.005% ×Test distance）	
Linearity	±0.05dB/dB	
Max Sample Points	⩾ 20000	
Max Sample Resolution	⩽ 0.03m	
Loss Resolution	0.01dB	
Loss Threshold	0.20dB	
Range Resolution	0.01m	
Refractive Index	1.00000~2.00000	
File Format	SOR Standard File Format	
Connector	SC/UPC or SC/APC	
Loss Analysis	4-point method /5-point method	
Laser Safety Level	Class II	
Standard configuration	OTDR, Event Map, OPM, LS, VFL, RJ45 cable tracker(Including Cable Tracker), RJ45 Cable Sequence, Flashlight	

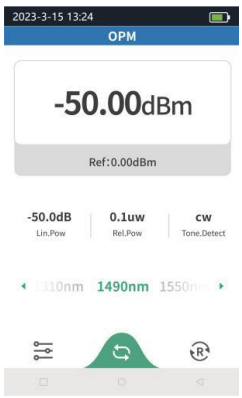
Note：1550nm test capability with live: can test fiber with 1310/1490/1577nm signal (power ⩽ +5dBm)



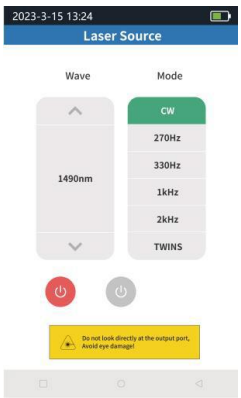
Event Map



OTDR



OPM



LS



VFL