

Optical Time Domain Reflectometer, Portable 1310/1550nm OTDR



OTDR SPECIFICATIONS :

Standard Wavelength	1310, 1550nm ±20nm
Dynamic Range	33 dB
Pulse Width	5 - 20,000ns
Units of Measurement	km, kf, mi, ft
Event/ Attenuation Dead Zone	1m / 4m
Resolution/Data Points	.125 -32m / up to 120,000
Distance Uncertainty	±(0.75m + 0.005% x distance + sampling resolution)
Full Scale Distance Range	.25-260Km SM
Typical Real-time Refresh Rate	2 Hz
Linearity	± .05 dB/dB
Memory Type /Capacity	Internal and Flash Drive /40,000 traces
Battery	Rechargeable Li-ion – 6 hours
Temp Range Operating/Storage	-10 to 40C / -20 to 60C
Dimensions	6.25"L x 4.125"W x 1.875"H (w/out rubber boot)
Weight	< 2 lbs
Communications ports	USB and Bluetooth
Connector Styles	FC, SC Interchangeable / APC
Accessories	Provided Universal Power Adapter w/US, UK, Continental Europe, and Australian Plugs, Interchangeable FC and SC Adapters, Windows Compatible Software, Rubber Boot, Manual on CD and Stylus, USB cable

features:

- 1310, 1550nm OTDR
- Up to 33 dB Dynamic Range
- Touch Screen
- Auto Pass/Fail Fiber Inspector
- CW Source TLS Included
- Broadband Power Meter
- Comprehensive Event Analysis
- Report Generating Software Included



POWER METER SPECIFICATIONS :

Detector Type	InGaAs
Connector Type	Interchangeable to include FC, ST, SC, 2.5mm universal
Dynamic Range	+5 to -77dB 113 (CATV +25 to -57dB)
Calibrated Wavelengths	850, 1310, 1490, 1550, and 1625nm
Units of Measurement	dBm, dB
Resolution	.01 dB
Power Measurement Uncertainty	± 0.18 dB under reference conditions, ± 0.25 dB from 0 to -65 dBm, ± 0.35 dB from 0 to +5 dBm and from -65 to -77 dBm

LIGHT SOURCE SPECIFICATIONS :

Fiber Type	Single mode
Standard Wavelengths	1310, 1550nm
Output Power	0 dBm
Laser Safety Classification	Class 1 Safety Per FDA/CDRH and IEC-825-1 Regulation
Modulation Modes	CW, 270 Hz, 1000 Hz, 2000 Hz

ORDERING INFORMATION :

CO-OTDR-1315	1310, 1550nm OTDR with Power Meter, Video Scope and Probe
CO-SCASE	Soft Case for CO-OTDR models