

OTD-1315A Optical Time Domain Reflectometer

The OTD-1315 is a precision handheld optical time domain reflectometer for ease of use and transport. An OTDR is used for fiber installation verification, distance measurement, troubleshooting for damaged fiber, optical link loss measurement and for testing optical splice locations and quality. An OTDR works on the radar principle where an optical signal is sent down the fiber and then it measures the time it takes for it to be reflected back to the instrument and it converts this time to distance.

Features

- Handheld and Lightweight
- Touchscreen and Rubber Keypad Operation
- One Key Analysis and Fast Test
- All Events are Shown in Tabular Form
- Events Information Includes No/Type/Distance/Loss/Reflection/Attenuation/Total Loss
- Data Storage and Upload Via USB Stick to Avoid Complicated Software Installation
- More Than 10 Hours Battery Life



Standard Accessories:

- OTD-1315
- Power Cable
- AC/DC Power Adapter
- CD
- Stylus Pen
- Carrying Bag

Specifications

Model	OTD-1315
Central Wavelength	1310/1550 ±20
Fiber	SM
Dynamic Range (dB)	30/29 36/35 40/39
Event Dead Zone (m)	1.5 1.5 1.5
Attenuation Dead Zone (m)	10 10 10
Screen	3.5" Colorful Touch Screen
Connector	FC/SC/ST
Test Distance	0.5/1/2/4/8/16/32/64/128
Bandwidth (ns)	10/30/50/100/275/500/1000/5000/10000
Test Accuracy (m)	±(1m+sampling interval+0.005%×distance)
Attenuation Test Accuracy (dB)	±0.05
Reflection Test Accuracy (dB)	±5
VFL Function	
Output Power (mw)	≥2
Test Distance (km)	≥5
General Information	
Data Storage	≥1000
Communication Port	USB
Working Time (hr)	10
Power Supply	AC/DC adapter, AC: 100V - 240V (1.5A), 50/60Hz
Battery	DC: 18V to 20V (2A) Internal lithium-ion battery pack: 8.4V, 4400mAH
Operation Temperature (°C)	-5 - 50
Storage Temperature (°C)	-20 - 70
Relative Humidity	0 - 95% (no condensation)
Gross Weight	2 lbs (1 kg)
Dimensions	8.2 x 4.3 x 2.2" (208 x 110 x 56 mm)