



# Precision Rated Optics

Work with a PRO!

## OFT-5 Series OTDR



Boasting a 36dB dynamic range and a 1-meter Dead Zone, the OFT-5 Series OTDR satisfies even the most demanding testing and troubleshooting requirements. Featuring a one-button fault finder, ruggedized construction and multiple operational modes, the OFT-5 Series is perfect for LAN and Metro networks.

This versatile OTDR has a built-in Power Meter, Light Source, VFL and VIP port, 1-meter Dead Zone and onboard storage for 500 traces, downloadable via a USB port. Interchangeable FC, ST and SC connectors are included for maximize versatility.

Manufactured, sold, serviced and supported in the USA, the OFT-5 Series comes with a 1-year manufacturer's warranty and "Cert-Soft" software.

- Manufactured in the USA
- 36 dB Dynamic Range
- Fiber Inspection Video Probe Port
- Short, 1-Meter Dead Zone
- Onboard Memory Stores 500 Traces

### OFT-5 Series OTDR Standard Package Includes:

OTDR, Universal Power Adapter with US, UK, Continental Europe and Australian Plugs, Interchangeable FC, ST and SC Adapters, Windows/Telcordia SR4731 Software, Protective Rubber Boot, User Manual on CD and Soft Carrying Case

### OTDR Specifications

Dynamic Range	27/26dB (MM), 36/34dB (SM)
Pulse Width	5 ~ 20,000 ns
Units of Measurement	km, kf, mi
Event Dead Zone	1m
Attenuation Dead Zone	4m
Resolution	.125 ~ 32m
Measurement Accuracy	± (0.75m + 0.005% × Distance + Sampling Resolution)
Distance Accuracy	1~64km MM, 1~180km SM
Typical Real-Time Refresh Rate	2 Hz
Group Index of Refraction (GIR)	1.024 - 2.048
Linearity	± .05 dB/dB
Memory Capacity	500 Traces
Memory Storage	Internal and Flash Drive
Power Supply	Universal AC/DC Adaptor / Charger
Battery (Rechargeable)	8hr
Communication Ports	USB and USB Flash Drive Ports
Connector Styles	FC, ST, SC Interchangeable
Operating Temperature	14° F ~ 122° F (-10° C ~ 50° C)
Storage Temperature	-4° F ~ 140° F (-20° C ~ 60° C)
Weight & Dimensions (LxWxH)	7.75" x 4.5" x 2.25" / 2 lb (197 x 114 x 57 mm / 0.91 kg)

### Ordering Information

OFT-5SM-35-FP	1310/1550nm SM OTDR with LTS, VFL & VIP Port
OFT-5MM-83-FP	850/1300nm MM OTDR with LTS, VFL & VIP PORT
OFT-5Q-FP	850/1300/1310/1550nm QUAD OTDR with LTS, VFL & VIP Port
OFT-5SM-35-VFP	1310/1550nm SM OTDR with LTS, VFL, VIP Port, Probe and Soft Case
OFT-5MM-83-VFP	850/1300nm MM OTDR with LTS, VFL, VIP Port, Probe and Soft Case
OFT-5Q-VFP	850/1300/1310/1550nm QUAD OTDR with LTS, VFL, VIP Port, Probe & Case

### Light Source Specifications

Fiber Type	MM, SM
Wavelengths	850/1300 (MM), 1310/1550 nm (SM)
Output Power	0 dBm (-3dBm @ 1550nm)
Laser Safety Classification	Class I Safety Per FDA/CDRH and IEC-825-1 Regulation
Modulation Modes	270 Hz, 1,000 Hz, 2000 Hz (CW)

### Power Meter Specifications

Detector Type	InGaAs
Connector Types	2.5mm (Interchangeable)
Dynamic Range	+5 ~ -77dB (CATV: +25 to -57dB)
Wavelengths	850,1300,1310,1490,1550,1625nm
Units of Measurement	dBm, dB
Resolution	.01 dB
Power Measurement Accuracy	± 0.18 dB (Under Reference Conditions), ± 0.25 dB from 0 ~ -65dBm, ± 0.35 dB from 0 ~ +5dBm and from -65 ~ -77dBm
Auto-Test Range	0 ~ -40dB

### Visual Fault Locator Specifications

Emitter Type	Laser Photo Diode 1100~1700nm InGaAs -70 ~ +9dBm (with Interchangeable FC Adaptor)
Wavelength	650nm (±5nm)
Connector Type	2.5mm Universal
Output Power	1mW Max

### VP Models Include

Fault Locator, Power Meter

### VFP Models Include

Video Inspection Probe, Fault Locator, Power Meter