



# Precision Rated Optics

Work with a PRO!

## OFT-3V Series OTDR

Touchscreen,  
Keyboard  
or  
Tablet Control



The OFT-3V Series OTDR can be controlled via Bluetooth from any Android device. Also included are a built-in Auto-Test /Auto-Wave Power Meter, VFL and CW/Fiber Identifier Light Source. An integrated Video Scope port is standard (scope optional).

The OFT-3V Series has a 36dB dynamic range and a 1-Meter Dead Zone. Ruggedized construction, file storage for 1,000 traces, Fib-R-Map schematics, event analysis, multiple operational modes and a 4" touchscreen make it perfect for testing and troubleshooting in LAN, MAN or WAN applications. Units available in MM/SM/QUAD.

The OFT-3V Series is sold, serviced and supported in the USA and is water, dust and shock resistant. It comes standard with a 1-year manufacturer's warranty as well as FC, ST and SC adaptors.

- Bluetooth-Enabled - Controllable via Android Device
- "Instant-on" for Immediate Operation
- CW & Fiber Identifier Light Source
- Bi-Directional Trace Analysis
- Onboard Memory for 1,000 Traces

### SPECIFICATIONS

Wavelength	850, 1300, 1310, 1490, 1550 and 1625 (±20nm)
Dynamic Range	27/26dB MM, 36/35/35/35dB SM
Pulse Width	5 - 20,000 ns
Event Dead Zone	1m
Attenuation Dead Zone	4m
Data Points	up to 120,000
Resolution	.125 ~ 32m
Distance Measurement	± (0.75m + 0.005% x Distance + Sampling Resolution)
Distance Range	0.25-64 (MM), 0.25-240km (SM), 0.25 ~ 240km (Quad)
Real-time Refresh Rate	2 Hz
Connector Styles	FC, ST, SC
Communications Ports	USB and Bluetooth
Weight & Dimensions (HxWxH) (w/out boot)	7.75" x 4.5" x 2.25" / 1.7 lb(197 x 114 x 57mm / 0.8 kg)

### Ordering Information

OFT-3V2-MM	850/1300nm Multimode Dual Wavelength OTDR W/VFL and LTS
OFT-3V2-SM	1310/1550nm Singlemode Dual Wavelength OTDR W/VFL and LTS
OFT-3V2-Q	850/1300/1310/1550nm Quad Wavelength OTDR W/VFL and LTS
VIS300	Video Probe

### POWER METER SPECIFICATIONS

Detector Type	InGaAs
Connector Type	FC, ST and SC
Dynamic Range	+5 ~ -77dB, CATV (+25 ~ -57dB)
Auto Test Range	0 to -40dB
Calibrated Wavelengths	850, 1300, 1310, 1490, 1550, 1625nm (±20)
Power Measurement	± 0.18 dB (Under Reference Conditions), ± 0.25 dB (0 to -65 dBm), ± 0.35 dB (0 to +5 dBm) and from -65 to -77 dBm
Units of Measurement	dBm, dB
Resolution	.01 dB

### LIGHT SOURCE SPECIFICATIONS

Fiber Type	Singlemode, Multimode
Wavelengths	850, 1300, 1310, 1490, 1550 and 625 nm (±20nm)
Output Power	0 dBm (-3dBm @ 1625nm)
Laser Safety Classification	Class I Safety Per FDA/CDRH and IEC-825-1 Regulation
Modulation Modes	270 Hz, 1,000 Hz, 2000 Hz (CW)

### OFT-3V Standard Package Includes:

OTDR, Universal Power Adapter w/US, UK, Continental Europe and Australian Adapters, Interchangeable FC, ST and SC Adapters, Android Application, Windows-Compatible Software, Rubber Boot and Manual on CD