



OT-960 Long Haul OTDR

OT-960 is a high precision compact OTDR, focused on simplicity of use for Long Distance applications. With useful functions only found in more expensive units, the **OT-960** is an exceptional value unit.

A large 7" outdoor optimized touchscreen makes the **OT-960** easy to work under the harshest conditions, either on the field or on-site.

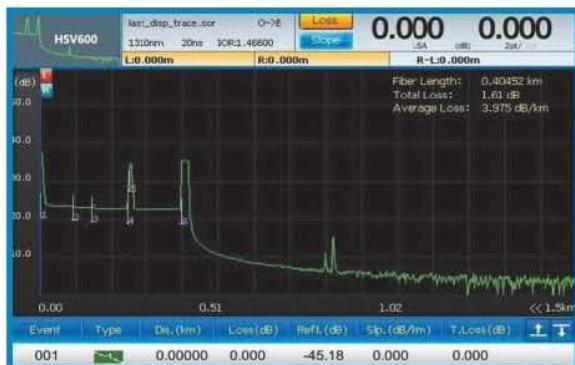
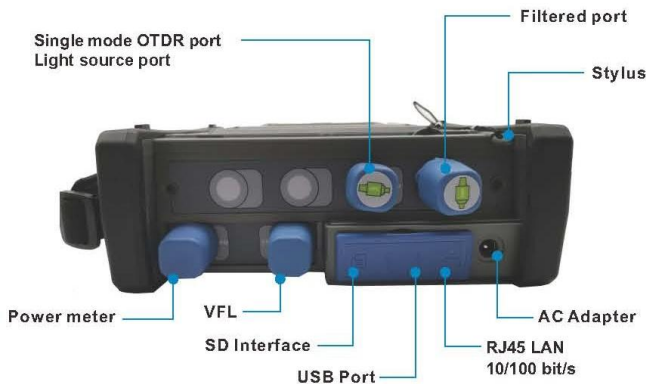
Automated fiber path characterization (iOLM) help to perform error free test and faster troubleshooting.

Extra high capacity battery allows working up to 12 hours continuously.



Features

- **7" TFT Touch Screen Optimized**
- **12 Hours Battery Autonomy**
- **Ethernet and USB Interface**
- **8 GB internal memory**
- **SD Card Slot**
- **Automated Fiber Path Characterization**
- **Built-in Power Meter and VFL**
- **Storage up to 80,000 traces**
- **Microscope Included**





OT-960 Long Haul OTDR

SPECIFICATION

MODEL	OT-960-A	OT-960-B	OT-960-C
Wavelengths	1310/1550	1310/1550	1310/1550
Wavelength Accuracy (nm)	± 20 nm		
Dynamic Range (dB)	40/38	43/41	45/43
Deadzone (EDZ) (m)	0.8		
Attenuation Deadzone (m)	4.0		
Pulse Width (ns)	3, 5, 10, 20, 50, 100, 200, 500, 1000, 2000, 5000, 10000, 20000		
Distance (km)	0.1, 0.4, 1.5, 3, 6, 12, 25, 50, 100, 200, 400		
Distance Accuracy	± (0.75m + 0.001 x Fiberlength + sampling resolution)		
Sampling resolution (m)	0.05 to 12.9		
Sampling Points	Up to 256 000		
Refractive Index Range	1.30000-1.70000		
Linearity (dB)	0.03		
Loss Threshold (dB)	0.001		
Loss Resolution (dB)	0.001		
Measurement Time	5 s to 3 min		
Typical real-time refresh (Hz)	4		

Optical Power Meter

Wavelengths (nm)	850 / 980 / 1300 / 1310 / 1490 / 1550 / 1610
Power Meter Range (dBm)	-70 to +10
Accuracy (dB)	± 0.17

VFL

Wavelength (nm)	650 ± 0.10
Power (mW)	10.0, Laser Safety Class II
Microscope	250 X, USB 2.0 port
Optical Light Source	1310 nm / 1550 nm, -11.0 dBm
Display	7" TFT Touch Screen, 800x400, Outdoor Sunlight Optimized
Ports	2 x USB 2.0, 1 x 100BaseT
Storage	8GB Internal Memory (80000 Traces), SD Card Slot
Battery	5300 mAh Li-Ion, 12 hours continuous working
Temperature (°C)	Operational: -10 to +50, Storage: -40 to +70, Humidity 95% RH
Dimensions (mm) / Weight (Kg)	196 x 172 x 72, 1.5 Kg Max
Power Supply	Power supply AC/DC adapter, input 100-240 VAC, 50-60 Hz

***Supports All Common Fiber Interfaces
(FC, SC, ST, LC)***



ACCESSORIES INCLUDED

AC Adapter	AC-020
Built in Li-Ion Battery	BT-53
Stylus	ST-01
Extra FC Connector	FC-010
Soft Carrying Bag	CC-050
Shoulder Strap	SS-050
Calibration Certificate	CERT
USB 250 x Microscope	IP-250
Fiber Optic Cleaner	LFO

USB Cable

OPTIONAL ACCESSORIES

OTDR Launch Box	LBX
Optical Connector Cleaner	CAS-25
MPO/MTP Connector Cleaner	CAS-100

Included 250x Microscope



Optional Launch Box



***Optional MPO/MTP
Cleaner***

