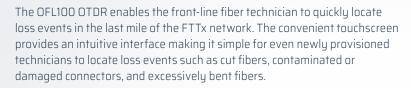


OFL100 OTDR

OPTICAL TIME-DOMAIN REFLECTOMETER

TESTING | TROUBLESHOOTING | ACCURACY



The Auto Mode allows the technician to initiate a measurement without adjusting any test parameters. The Expert OTDR Mode provides access to all features the savvy OTDR technician demands so they can refine measurement parameters enabling them to troubleshoot the most demanding faults. The OFL100 includes an integrated visual fault locator (VFL), stabilized light source (SLS), and optical power meter (OPM).

Results can be displayed using a traditional OTDR trace or linear map with user selectable Pass/Fail analysis. All events are measured, annotated, saved, and exported as an industry standard SOR file that is compliant to GR196 Telcordia standards. The SOR file can be imported into the Trace Viewing program where analysis can be performed, and test results can be saved as a PDF report.

The OFL100 offers a multi-language platform available in English, French, Spanish, Russian, Vietnamese, Arabic, Chinese and Hindi.



TWO YEAR WARRANTY

ORDERING INFORMATION:

CAT. NO.	DESCRIPTION
OFL100-NA	OFL100 with North American Power Supply
OFL100-EU	OFL100 with UK and European Power Supplies



FAST.

- Easy to use one button test function. Start measurements with the push of one button.
- Auto test automatically sets test parameters for optimum test results.

ACCURATE.

- Graphical touchscreen interface is easy to read, even in high ambient light conditions.
- Measure lengths and fiber defects to quickly locate faults.

RELIABLE.

- Link Viewer annotates the entire fiber link in an easy to interpret Pass/Fail format.
- Cable acceptance reports generate customized reports that include trace signature and fiber events.
- Long life battery so you can work longer without recharging up to 12 hour shift capable.

Includes:

- OFL100
- Power Supply with USB cable
- Soft Carry Case with Strap
- SC/APC Adapter
- Certificate of Conformance
- Quick Reference Card
- 8GB SD Card

ACCESSORIES:

CAT. NO.	DESCRIPTION
OFL100-SCAPC	SC/APC Adapter
OFL100-FCAPC	FC/APC Adapter
SCAPC-LCAPC	0.5m SC/APC LC/APC Cable
OFLPS-NA	OFL100 North American Power Supply with USB Cable
OFLPS-UK	OFL100 United Kingdom Power Supply with USB Cable
OFLPS-EU	OFL100 European Power Supply with USB Cable
1.25 MM ADAPTER	1.25mm Adapter for connection to the OPM and VFL ports



OFL100 Specifications:

OTDR			
Wavelength	1310/1550nm		
Dynamic Range	26/24dB		
Event Deadzone	2.5m		
Attenuation Deadzone	8m		
Measurement Ranges	500m, 1km, 2km, 4km, 8km, 16km, 32km, 64km and 100km		
Pulse Widths	3ns, 5ns, 10ns, 20ns, 30ns, 50ns, 80ns, 160ns, 320ns, 500ns, 800ns, 1µs, 2µs, 3µs, 5µs, 8µs, 10µs and 20µs		
Measurement Accuracy	± (1m+Sample interval+0.005%xTest Distance)		
Linearity	≤0.05dB/dB		
Loss Resolution	0.001dB		
Loss Threshold	0.20dB		
Distance Resolution	0.001m		
Refractive Index	1.00000 to 2.00000		
Reflection Accuracy	±3dB		
File Format	SOR compliant to Telcordia GR196		
Loss Analysis	Four Point & Five Point		
Laser Safety	Class 1M		
Bulkhead	SC/APC (Optional FC Available)		
Trace Update Rate	3Hz		
Optical Power Meter			
Wavelength Range	800nm to 1700nm		
Calibrated Wavelengths	850nm, 980nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm and 1650nm		
Measurement Range	+26dBm to -50dBm		
Measurement Resolution	0.01dB		
Measurement Accuracy	±5%		
Tone Frequencies/Sensing	CW, 270Hz, 330Hz, 1kHz and 2kHz		
Bulkhead	2.5mm Universal		
Visual Fault Locator			
Wavelength	650nm ±20nm		
Output Power	<1mW		
Mode of Operation	CW, 1Hz and 2Hz		
Bulkhead	2.5mm Universal		
Laser Safety	Class 2		

Stabilized Laser Source			
Wavelength	1310/1550nm		
Output Power	≥ -5dBm; variable		
Power Stability	CW, ±0.5dB/15 minutes after continuous on of 15 minutes		
Bulkhead	SC/APC (Optional FC Available)		
Tone Frequencies	CW, 270Hz, 330Hz, 1kHz and 2kHz		
Optical Loss Testing			
Wavelength	1310nm and 1550nm		
Insertion Loss Testing	Integrated OPM and SLS		
RJ45 Sequence Testing			
Cable Type	Straight and Interleaved (T568)		
Mechanical			
Display	4.3" 800x400 TFT LCD Touchscreen		
Power Supply	AC to DC 100-240VAC, 50/60Hz		
Power Supply Format	North America or United Kingdom and European		
Battery Lifetime	>12 Hours Continuous Test		
Battery	3.7V, 4Ah Li ION		
Weight	<1.1lbs (<0.5kg) Including Battery		
Size	6.8"x 4.3"x 1.8" (173mm x 109mm x 45mm)		
Data			
Internal Storage	8GB (>200,000 Curves)		
Interface	USB Type C, 8GB SD Card		
Environmental			
Operational Temperature	-10°C to +50°C		

^{*}Specifications subject to change without notice

1390 Aspen Way Vista, CA • 92081 OFL100 06/22

Latin America Phone : 1760 510 0558 | EMEA Phone: +44 (0) 1633 927 050 India and SAARC Region Sales: indiaSales@tempocom.com

EMEA: Tempo Europe Limited • Brecon House William Brown Close • Cwmbran • NP44 3AB • UK

©2022 Tempo Communications Inc. • An ISO 9001 Company



Renewed Vision. **Innovation** Forward.









