



Precision Rated Optics

Work with a PRO!

OBL-301A *Optical Break Locator*



The OBL-301A is a high-performance, easy-to-use diagnostic tool designed for fiber maintenance, locating faults and general troubleshooting. The OBL-301A utilizes much of the same technology used in an OTDR, such as a graphical representation of the fault location, but at a much lower price point than an OTDR.

Up to 1,000 test results can be stored onboard and later transferred to a PC, via a built-in USB port. The onscreen interface has been engineered for ease of use and utilizes convenient "Hot Keys" for quick, simple testing.

Water, shock and dustproof, the OBL-301A is reliable and built to last. The unit will operate for up to 8 hours on the included NiMH rechargeable battery and includes an AC/DC adapter. Sold, serviced and supported in the USA, the OBL-301A is a workhorse, well-suited for inside plant, outside plant and FTtx applications.

- Quick One-Button Fault Detection and Diagnosis
- High-Definition Graphical Interface
- "Hot Keys" and One-Button Testing
- Water, Dust and Shock-Proof
- Sold, Serviced and Supported in the USA
- 1 Year Warranty

SPECIFICATIONS

Fiber Type / Wavelength	1550nm (±20nm)
Dynamic Range	24 dB
Pulse Width	5ns, 10ns, 30ns, 100ns, 300ns, 1µs, 2.5µs, 10µs, 20µs
Event Dead Zone	3.5m
Attenuation Dead Zone	13m
Range of Use	Singlemode Fiber
Emitter Type	LD
Connector	SC/UPC (Interchangeable FC, ST)
Distance Accuracy	± (1m + 5 x 10 ⁻⁵ x Distance + Sampling Space)
Data Storage	1,000 Results
Communication Ports	USB
Power Supply	NiMH Rechargeable Battery / AC Adapter
Battery Life	8 hrs continuous operation, 20 hrs standby (on one charge); recharging time < 4 hrs
Operating Temperature	-4° F ~ 122° F (-20° C ~ 50° C)
Storage Temperature	-40° F ~ 158° F (-40° C ~ 70° C)
Environmental Conditions	0 ~ 95% RH (Humidity, Non-Condensing)
Weight & Dimensions (HxWxD)	(8.7" x 4.3" x 2.7" / 2.2 lb (220 x 110 x 70mm / 1kg)

OBL-301A Standard Package Includes:

OBL, Rechargeable Battery, AC/DC Adapter, Trace Manager Software CD, Data Transfer Cable (RS232/USB), Rubber Boot, Warranty Card, CE Certificate, Certificate of Calibration, Quick-Reference Guide, Soft Carrying Case

Ordering Information

OBL-301A | Optical Break Locator