

Agilent E6000C Mini-OTDR

The Mini-OTDR starts making installation and commissioning easier before you even switch it on. The trimmed weight and size makes it easy to carry, put it in a rugged, weather-tolerant housing so you don't need to worry about conditions, and avoided using an internal hard-disk so it can take the rough and tumble of getting it where you need it. And when you get there, a user and task oriented interface offers productive support for qualifying large numbers of fibers in minimal time. The Mini-OTDR is intuitive to use, quick to measure and easy to integrate into your installation process.

The effective way to amplify the usefulness of your Mini-OTDR is by applying the post-processing capacity of the Agilent E6091A OTDR Toolkit II plus. The Toolkit is a powerful but easy to use Windows software that connects to the Mini-OTDR to collect, analyze, organize and store the traces, and to produce the documentation you need. Together, Agilent's Mini-OTDR and the Toolkit provide the precise mixture of comfort and performance that make them an unbeatable productivity boost for everybody from untrained operators to commissioning engineers.

Keeping a network running or getting a fibre or cable back up takes more than speed and precision. Having the right application on hand makes the difference. Agilent's Mini-OTDR provides a selection of tools and features for experts and beginners alike that speed up preventive maintenance and repair.

Ease of use

Single button operation, presets and macros for different fiber types or measurement conditions, an OTDR Assistant to guide untrained users, and a "scan trace" that provides a pass/fail result, make the Mini-OTDR a valuable addition to your equipment pool.

Multi-Fiber testing

The Mini-OTDR speeds and eases multi-fiber test by integrating multi-fiber functionality into the user interface, and automatically assigning appropriate file names and fiber numbers to the stored results – particularly useful in conjunction with the OTDR Toolkit II plus software – and stored on a PCM Flashdisk.

High-Visibility screen

A brilliant, high-resolution display makes the Mini-OTDR just as usable outdoors as in.

Modular design

A range of plug-in modules for different wavelengths and measurements make the Mini-OTDR easy to adapt to the task on hand, and easy to adapt to new demands.

PRODUCT FEATURES AND CUSTOMER BENEFITS

- Fiber Break Locator to quickly find breaks and bends.
- Locate and characterize splice and connector losses.
- Multifiber testing for fast high-count cable qualification.
- With the built-in light source and the power meter module you can perform power and loss measurement.
- Graphical representation of measurement results in event tables, showing loss and reflection, and pass/fail results.
- Data transfer is ensured due to certified Bellcore/Telcordia GR-196-CORE standard - your investment is protected.
- Visual Fault Finder to check patch cords for light leakage.

CALIBRATION WARRANTY

- Standard 2 year guarantee, with an optional 3-year or 5-year calibration warranty.

ACCESSORIES

- Compact keyboard for fast reports and text entry.
- Water- and shock-resistant carry case for mainframe, modules and accessories.
- Full range of standard connectors (FC/PC, SC, ST, E2000, D4, HMS10, DIN, BICONIC, APC).



TECHNICAL SPECIFICATIONS

Weight	6.4lb (2.9kg)
Modular Construction	Single Mode Modules for 1310nm, 1550nm, 1625nm, 1310/1550nm, 1550/1625nm Multi Mode Modules for 850/1300nm Power meter sub-module calibrated for all standard wavelengths Visual fault finder sub-module Range of optical connectors
Distance	Connector and splice losses can be localized within 8 cm, even at a distance of 150 km
High dynamic range	45dB.
Flash disk storage	13,000 OTDR traces.
Start-up time	Boots up in 15 seconds.
Battery operation	8 hours.

MINI-OTDR MODULE CLASSES

Agilent's Recommendation

Link Length	50km	100km	150km	200km & more	Test Time
180 secs	E6004A 30dB	E6003A 36dB	E6003B 40dB	E6008B 45dB	
40 secs	E6003A 35dB	E6003B 40dB	E6008B 45dB		
10 secs	E6003B 40dB	E6008B 45dB			
2 secs	E6008B 45dB				

CATALOGUE NO.	DESCRIPTION
E6000C	Mini-OTDR mainframe
E6000C-003	Mini-OTDR mainframe colour display VGA LCD
E60006A	Optical power meter sub-module
E60007A	Visual fault finder sub-module
E6091A	OTDR Toolkit II (CD-ROM)

MINI-OTDR INFORMATION

Wavelength	Dynamic Range (dB)	Event Deadline	Attenuation Zone	Recommended Application	Fibre Type	Module
1310nm	30dB	3m	10m	Metropolitan	Single Mode	E6001A
1310/1550nm	30/30dB	3m	10/12m	Metropolitan	Single Mode	E6004A
1310/1550nm	35/34dB	3m	10/12m	Metropolitan/Trunk	Single Mode	E6003A
1310/1550nm	40/39dB	3m	10/12m	Metropolitan/Trunk	Single Mode	E6003B
1310/1550nm	45/43dB	3m	10/12m	Trunk/Undersea	Single Mode	E6008B
1550/1625nm	43/40dB	3m	12/14m	Trunk/Undersea	Single Mode	E6012A
850/1300nm	18/23dB	3m	10m	LAN	Multi Mode	E6009A
850/1300nm	26/34dB	3m	10m	LAN	Multi Mode	E6005A