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Agilent E6020A Fiber Break Locator

Quickly Find Breaks in your Optical Network





- Easy to Use
- Compact and Rugged
- Low Cost

Tools for Technicians

Agilent Technologies

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Lightweight and rugged

In terms of your crew and your equipment, there is no denying the importance of the right tool and the right person when it comes to certain tasks. When a link goes down, all that counts is the time it takes to locate the fault and fix it. Setting it right means precise, reliable functionality that can be used by anybody on your team, under any conditions.

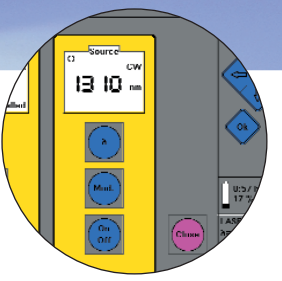
This is what inspired Agilent Technologies to develop the Fiber Break Locator: An easy-to-use tool, properly packaged, for a critical task. Single button operation and interactive guidance provide the exact information that is necessary for appropriate action.



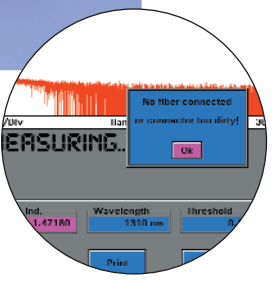
Fiber Break Assistant

Guided operation

- Step by step easy navigation function with fiber break Assistant to guide technician quickly to the break
- Easy understandable error messages to help resolve problems quickly.
- Traffic detection protects your equipment
- Fiber vendor selection table for fool-proof fiber break locator setting
- Crisp and clear display of fiber break location
- Easy save mode of test results to floppy disk or Flashdisk



Source Mode



Online help

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Locate a break in seconds



Find faults up to 150 km away

- Instrument start-up in seconds
- Fiber Break Assistant will guide the technician 100 %
- Realtime monitor of measurement results

Be flexible with Modules

- Built-in Laser Source 1310 nm or 1550 nm
- Power Meter Submodule E6006A
- Visual Fault Finder Submodule E6007A
- Long haul 1310 nm Module (E6021A) with 35 dB dynamic range
  Break Location Distance Range: 90 km/56 miles
  Loss Budget to Break: 30.6 dB
- Very long haul 1550 nm Module (E6022A) with 34 dB dynamic range
  Break Location Distance Range: 150 km/94 miles
  Loss Budget to Break: 30 dB

Built-in application at your finger tips

- Break Locator
- Power, Loss & Return Loss Measurement
- Visual break detection
- Display end-to-end loss
- Display optical return loss

Powerful OTDR trace analysis

- The free Traceviewer PC software allows you to analyse and compute each connector and splice of your fiber link based on the saved Fiber Break Locator file.

Key Features

- Changeable connector interfaces (FC/PC, SC, ST, E2000, D4, HM510, DIN, BICONIC, FC/APC)
- Front connector quality check
- 8 hours operating time
- Charging time less than 3 hours
- Intelligent low battery indicator
- Trace storage on floppy disk & Flashdisk according to Bellcore/ Telcordia OTDR standard
- Context sensitive help function

Always with you



Outside plant accessories supplied with E6020A/602XA Mainframe/ module: Softcase, battery, power charger and adapter, RS232 cable, User's Guide, Quick Reference Card, trace view software, PC file transfer software, and FC/PC and SC interfaces.

Agilent's optical network maintenance instruments



N3970A Optical Power Meter, N3974A Dual Laser Source and N3977A Automated Optical Attenuator.

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Agilent Technologies' Test and Measurement Support, Services and Assistance

Agilent Technologies aims to maximize the value you receive, while minimizing your risk and problems. We strive to ensure that you get the test and measurement capabilities you paid for and obtain the support you need. Our extensive support resources and services can help you choose the right Agilent products for your applications and apply them successfully. Every instrument and system we sell has a global warranty. Support is available for at least five years beyond the production life of the product. Two concepts underlie Agilent's overall support policy: "Our Promise" and "Your Advantage."

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Related Agilent Literature

Agilent E6020A Fiber Break Locator
Technical Specifications
P/N 5988-2301EN

Agilent E6000C Mini-OTDR
and E6091A Toolkit II Plus
Product Brochure
P/N 5988-2238EN

Agilent Handhelds
Product Brochure
P/N 5988-1066EN

Cleaning Procedures for Lightwave
Test and Measurement Equipment
Pocket Guide
P/N 5963-3538F

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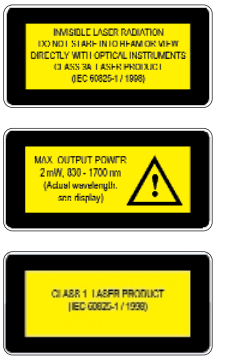
Latin America:
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(fax) (305) 269 7599

Australia:
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New Zealand:
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(fax) 64 4 495 8950

Asia Pacific:
(tel) (852) 3197 7777
(fax) (852) 2506 9284

Laser Safety Information



Internationally, all OTDRs specified by this data sheet are classified as Class 3A according to IEC 60825-1 (1998).

In the USA, the same OTDRs are classified as Class I according to 21 CFR 1040.10 (1995).

In the USA, all laser sources are specified by this data sheet are classified as Class I according to 21 CFR 1040.10 (1995).

Internationally, the same laser sources are classified as Class 1 according to IEC 60825-1 (1998).

Application Photography Courtesy of The Light Brigade, Seattle, USA.

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