



Technical description

Designed with the installers and operators of enterprise networks in mind, the FiberXpert OTDR 5000 measures, documents and troubleshoots fiber optic networks. The FiberXpert OTDR 5000 provides very high resolution with one of the shortest dead zones available for testing multimode and singlemode fibers, thus enabling measurement of very short fiber links. Automatic analysis features simplify the measurement tasks.

Characteristics

- Optical Time Domain Reflectometer (OTDR) for 850/1300nm multimode or combined for 850/1300nm multimode and 1310/1550nm singlemode
- Standards compliant Tier 2 measurement of fiber optic cabling
- Automatic Pass/Fail analysis of the test results according to the limits specified by TIA/IEC
- Display of the OTDR trace in a graphical format for a length-dependent analysis of all events for reflection and attenuation
- All fiber link events and analysis listed in a table of results
- Automatic macro-bend detection
- No need to understand graphical OTDR traces anymore thanks to icon based SmartLink
- Built-in optical loss test set
- Optional fiber inspection probe
- Large color LCD touch screen
- Generation of professional reports with the central eXport evaluation software

Easy handling and analysis

A special carrying case with shoulder strap allows for a hands-free operation and eliminates the need to mount the measurement tool testing. The results are displayed on the 5 inch touch screen and can be analyzed and saved conveniently. Featuring an automatic event detection, all events on a fiber optic link are automatically displayed with a Pass/Fail evaluation.

Expanded measurement capabilities

Additional measurement functions such as attenuation measurement and an optical power meter provide for an accurate measurement of the total link loss and of the output power of active equipment such as switches. The optional fiber inspection microscope enables you to document the quality of the connector end-face after installation. This is a helpful feature, especially in instances of faults or warranty claims.

Consolidate the measurement results of your projects in one place

Cabling projects usually have both fiber optic and copper cabling links. eXport software manages the test results of both FiberXpert and WireXpert, consolidating all results of your project in one software package.



Advantages:

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According to:	---