DATASHEET

FiberXpert OTDR 5000 Quad, Multimode/Singlemode









General data

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 single-mode fibers, thus enabling measurement of very short fiber links. Automatic analysis simplify the measurement tasks and let you be the fiber expert.

With a high dynamic range and a small event dead zone the FiberXpert OTDR 5000 is the tool for measuring relative short optical fiber links in company networks and data centers. With an event dead zone of less than 80cm it is possible to detect connectors in a short row and measure them highly accurate. To reduce costs and resources the FiberXpert measures using the maximum resolution in the shortest possible time.

Characteristics:
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
Built-in optical loss test set

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Optional fiber inspection probe
5 inch colour LCD touch screen
Hand-free operation due to a special carrying case
Generation of professional reports with the central eXport evaluation software
Laser safety class: M1
Interchangeable optical connectors: FC, SC, DIN, and ST
Calibrated wavelengths MM: 850 and 1300 nm
Calibrated wavelengths SM: 1310, 1490, 1550, 1625 and 1650 nm
Measurement accuracy MM: ±1 dB (At -15 dBm)
Measurement accuracy SM: ±0.5 dB (At -30 dBm)
Event dead zone MM: 0.8m
Event dead zone MM: 0.9 m

Scope of delivery:
Main measurement unit, SC compatible Multimode module, SC compatible Singlemode module
Li-Po batteries, power supplies, soft case with shoulder strap,
hard carry case, calibration certificate

Weight: 400 g
Dimensions: 128x134x40 mm

Technical properties	
Dimensions	128 x 134 x 40 mm
Laser class	M1
Measured value memory	Ja
Net weight	1260 g
Operating Temperature	0 – 40 °C
Range	260 km
Storage Temperature	-20 – 60 °C
Type of indication	LCD/monitor
Wave length	850 – 1650 nm
With PC/printer interface	True

Available variants

ArtNr.	Bezeichnung	Suitable for
FX5000-QU	FiberXpert OTDR 5000 Quad, Multimode/Singlemode	Glass fibre

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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