

## FiberXpert OTDR 5000 Quad



### 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 single-mode fibers, thus enabling measurement of very short fiber links. Automatic analysis simplifies 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
- 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

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# DATASHEET

## FiberXpert OTDR 5000 Quad

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:  $\pm 1$  dB (At -15 dBm)  
 Measurement accuracy SM:  $\pm 0.5$  dB (At -30 dBm)  
 Event dead zone MM: 0.8m  
 Event dead zone SM: 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

### General data

Measured value memory	True
Type of indication	LCD/monitor
With PC/printer interface	True
Laser class	M1
Available Connector	FC;SC;ST
Detecting range	260 km

### Dimensions

Dimension	128 x 134 x 40 mm
Net weight	1260 g

### Environmental conditions

Operating temperature	0 – 40 °C
Storage temperature	-20 – 60 °C

### Electrical characteristics

Wave length	850 – 1650 nm
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### Available variants

Article no.	Title	Suitable for	Model
FX5000-QU	FiberXpert OTDR 5000 Quad, Multimode/Singlemode	Fiber Optic	OTDR Quad,

### accessory

FX_AD_ST	Connection adapter for FX5000, ST
FX_AD_SC	Connection adapter for FX5000, SC

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## FiberXpert OTDR 5000 Quad

### accessory

FX_AD_FC	Connection adapter for FX5000, FC
FX_AD_DIN	Connection adapter for FX5000, DIN
LWLBUNDLE	LWL Bundle consisting of Splicer and OTDR

### similar product

HS15-MESS	Fiber Optic Power Meter 850/1300/1310/1550nm
HS15-LS2	Fiber Optic Light Source 850/1300nm, for HS15-MESS
HS15-LS1	Fiber Optic Light Source 1310/1550nm, for HS15-MESS

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