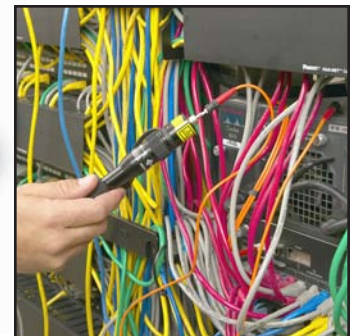


170XL Fiber Optic Visual Fault Finder

fiberTOOLSTM



Find Trouble in Fiber Cabling or Connectors

Easy Fault Locating

The 170XL visual fault locator is an indispensable tool for quickly identifying bending losses and breaks in optical fibers. If a fiber is bent too tightly, red laser light will be seen escaping through the cable jacket. Likewise if a fiber is broken, escaping light will be visible where the break is located.

Identifying Bad Connectors

Connectors are easily tested using the 170XL visual fault locator. A fiber broken inside or past the ferrule will cause it to glow. If the whole connector glows, it is a defective connector. If the end face polish of the connector is bad, light will be reflected internally.

PRODUCT FEATURES

- Continuous wave output mode for steady fault location
- Find breaks to 3km
- Blinking output mode increases viewing contrast
- Easy-to-use quick interface fits all 2.5mm connector interfaces (FC, SC, ST)
- 1.0mW output power
- Ergonomic rotary switch permits easy one-handed operation
- Rugged, compact and splash proof aluminum design
- Two AA batteries provide 48 hours continuous operation
- Nylon belt holster included

SPECIFICATIONS

Optical	
Light source type	635nm red laser diode
Center wavelength	
Nominal	635nm
Range (typical)	630nm to 640nm
Spectral width (FWHM)	<2nm
Typical output power	
Max. into SMF-28 fiber	1.0mW (0dBm)
Min. CW output mode	316uW (-5 dBm)
Blink frequency in MOD mode	<3Khz (approximate)
Power Requirements	Two AA size 1.5V batteries
Battery life	Approx. 48 hours continuous operation
Connector interface	Standard "Quick Connect" universal 2.5 mm receptacle
Environmental	
Operating temperature	-10° C to +50° C
Storage temperature	-40° C to +60° C
Humidity	0 to 95% non-condensing
Dimensions	Length: 22 cm (9.0 in.); Diameter: 2.54 cm (1 in.)
Weight	200g (7 oz.)
CDRH laser class	Class IIIa
CE	IEC 60-1-2 portion of the EN50082-1 ESD immunity requirement EN50082-1: 1992 IEC 801-2, -3, -4

ORDERING INFORMATION

CAT NO.	UPC NO.	DESCRIPTION	QTY
170XL	84501	Visual Fault Finder	1

DISTRIBUTED BY



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