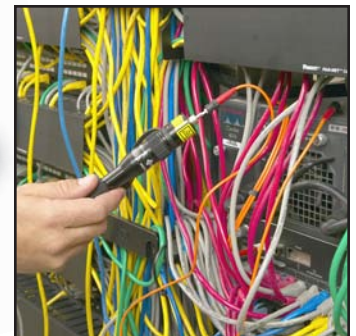


170XL Fiber Optic Visual Fault Finder

fiberTOOLS™



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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