

240

VISUAL FAULT LOCATOR FLS-240 Pocket Pal

NETWORK TESTING

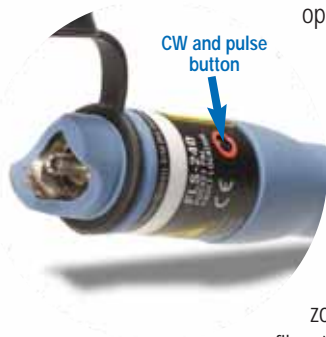


- Bright red laser at 635 nm
- Pulsed and CW operation
- 50 hours of operation (typical)
- Standard AAA alkaline batteries
- Rugged and weatherproof
- 2.5 mm universal connector

The Pocket Pal is the easiest way to identify fibers from end to end and locate polished connector endfaces. Its red laser shines through most yellow-jacketed fibers to help you pinpoint breaks, bends, faulty connectors, splices and other causes of signal loss. It has a reach of up to 5 km*. The convenient FLS-240 locates faults visually by creating a bright red glow at the exact location of the fault on singlemode or multimode fibers.

Robust Design

Due to its small size, light weight and simple but proven design, the Pocket Pal can accompany you anywhere. In your pocket or belt pouch, carry your FLS-240 to the most demanding environments. To ensure ruggedness, it features rubber seals, a fully enclosed laser head and a long-lasting On/Off switch. It has been tested to provide reliable operation under intensive use and harsh conditions.



Cost-Effective

The Pocket Pal's extremely high efficiency guarantees prolonged operation with two standard AAA alkaline batteries, typically providing 50 hours of uninterrupted operation.

Priced to accommodate the tightest budgets, the FLS-240 Pocket Pal is a truly affordable way to locate faults in OTDR dead zones. Its effectiveness justifies purchasing one for just about every fiber technician.



GP-1008 adapter (2.5 mm to 1.25 mm)

* Typical length of continuous fiber at which end-to-end identification is possible.
Visual fault location depends on ambient light conditions at test site.

SPECIFICATIONS

	FLS-240
Operation (Hz)	2 to 4
Wavelength (nm)	630 to 645
Emitter type	Laser
Power output (typical) (mW)	0.6
Distance range ¹ (typical) (km)	5
Operation mode	Pulsed and CW

GENERAL SPECIFICATIONS

Power supply	2 AAA alkaline batteries	
Laser class	2	
Battery life ² (h)	flashing	50
Length	17.5 cm	(6 7/8 in)
Maximum diameter	2.5 cm	(1 in)
Weight	empty	80 g (4.8 oz)
	with batteries	120 g (6.3 oz)
Temperature	operating	-10 °C to 50 °C (14 °F to 122 °F)
	storage	-30 °C to 60 °C (-22 °F to 140 °F)

STANDARD ACCESSORIES

User guide, two AAA alkaline batteries, belt clip, and Certificate of Compliance.

Notes

1. Depends on fiber attenuation.
2. Typical battery life using AAA alkaline batteries. Battery life may fluctuate significantly, depending on a specific unit's laser current.

PRODUCT SELECTION GUIDE

Choosing the right wavelength for your applications is important. The 635 nm and 650 nm (wavelength options) have different properties. Each wavelength has its own merits and should be selected in light of its intended purpose.

Model Number	Wavelength/Features	Applications	Selection Criteria	Comments
FLS-240	635 nm • Excellent visibility • Highest attenuation • Universal 2.5 mm or (1.25 mm connector with GP-1008)	• Short distances • Fault location at, or near the launch point • OTDR front-end dead zone	• Appears approximately six times brighter than 670 nm at launch point • Light intensity will decrease more rapidly along the fiber	• Has the brightest appearance • Best short-range visibility/price ratio
FLS-230A (Ask for a separate data sheet)	650 nm • Very good visibility • Moderate attenuation	• All applications • Both short and long ranges	• Optimized for high visibility and distance range	• Best overall performance • Provides the most flexibility

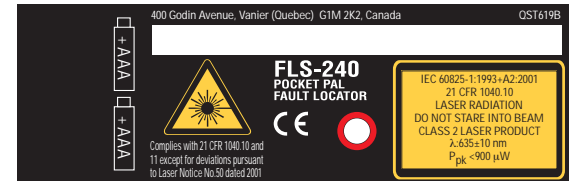
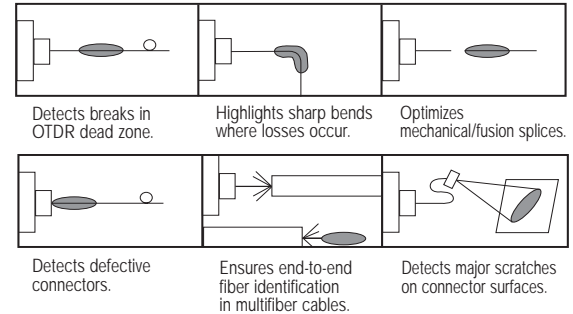
ORDERING INFORMATION

FLS-24X-UNIV

1 = Universal 2.5 mm ferrule (CW and pulse)

Ex: FLS-241-UNIV

SIX WAYS TO USE A VISUAL FAULT LOCATOR



Find out more about EXFO's extensive line of high-performance portable instruments by visiting our website at www.EXFO.com.

Rugged Handheld Solutions		Platform-Based Solutions		
OPTICAL	COPPER ACCESS	OPTICAL FIBER	DWDM Test Systems	Transport/Datacom
<ul style="list-style-type: none"> • OLTSs • Power meters • Light sources • Talk sets 	<ul style="list-style-type: none"> • ADSL/ADSL2+, SHDSL, VDSL test sets • VoIP and IPTV test sets • Ethernet test sets • POTS test sets 	<ul style="list-style-type: none"> • OTDRs • OLTSs • ORL meters • Variable attenuators 	<ul style="list-style-type: none"> • OSAs • PMD analyzers • Chromatic dispersion analyzer 	<ul style="list-style-type: none"> • SONET/DSn (DS0 to OC-192) testers • SDH/PDH (64 kb/s to STM-64) testers • T1/T3 testers • E1 testers • 10/100 and Gigabit Ethernet testers • Fibre Channel testers • 10 Gigabit Ethernet testers

EXFO Corporate Headquarters > 400 Godin Avenue, Quebec City (Quebec) G1M 2K2 CANADA | Tel.: 1 418 683-0211 | Fax: 1 418 683-2170 | info@EXFO.com

Toll-free: 1 800 663-3936 (USA and Canada) | www.EXFO.com

EXFO Montreal	2650 Marie-Curie	St-Laurent (Quebec) H4S 2C3 CANADA	Tel.: 1 514 856-2222	Fax: 1 514 856-2232
EXFO Toronto	160 Drumlin Circle	Concord (Ontario) L4K 3E5 CANADA	Tel.: 1 905 738-3741	Fax: 1 905 738-3712
EXFO America	3701 Plano Parkway, Suite 160	Plano, TX 75075 USA	Tel.: 1 800 663-3936	Fax: 1 972 836-0164
EXFO Europe	PARIS > Le Dynasteur, 10/12 rue Andras Beck	92366 Meudon la Forêt Cedex FRANCE	Tel.: +33.1.40.83.85.85	Fax: +33.1.40.83.04.42
	SOUTHAMPTON > Omega Enterprise Park, Electron Way	Chandlers Ford, Hampshire S053 4SE ENGLAND	Tel.: +44 2380 246810	Fax: +44 2380 246801
EXFO Asia	151 Chin Swee Road, #03-29 Manhattan House	SINGAPORE 169876	Tel.: +65 6333 8241	Fax: +65 6333 8242
EXFO China	No.88 Fuhua, First Road	Shenzhen 518048, CHINA	Tel.: +86 (755) 8203 2300	Fax: +86 (755) 8203 2306
	Central Tower, Room 801, Futian District	Beijing New Century Hotel Office Tower, Room 1754-1755	Beijing 100044 P. R. CHINA	Tel.: +86 (10) 6849 2738
	No. 6 Southern Capital Gym Road			

EXFO is certified ISO 9001 and attests to the quality of these products. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. EXFO has made every effort to ensure that the information contained in this specification sheet is accurate. All of EXFO's manufactured products are compliant with the European Union's WEEE directive. For more information, please visit www.EXFO.com/recycle. However, we accept no responsibility for any errors or omissions, and we reserve the right to modify design, characteristics and products at any time without obligation. Units of measurement in this document conform to SI standards and practices.

Contact EXFO for prices and availability or to obtain the phone number of your local EXFO distributor.

For the most recent version of this spec sheet, please go to the EXFO website at <http://www.EXFO.com/specs>

In case of discrepancy, the Web version takes precedence over any printed literature.