SPEC SHEET

FLS-240 pocket pal

VISUAL FAULT LOCATOR (VFL)

- The FLS-240 is the easiest way to identify fibers from end to end and locate polished connector endfaces.



GP-1008 adapter (2.5 mm to 1.25 mm)

KEY FEATURES

- 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

MHz MEGA HERTZ

EXFO

The FLS-240 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.

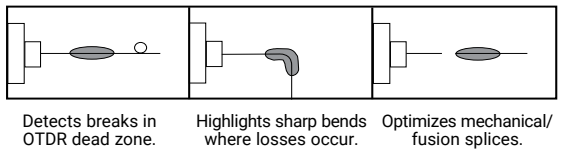
Due to its small size, lightweight and simple but proven design, the FLS-240 can accompany you anywhere. In your pocket or belt pouch, carry your FLS-240 to the most demanding environments. To ensure ruggedness, it features rubber seals, a fully enclosed laser head and a long-lasting On/Off switch. It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

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

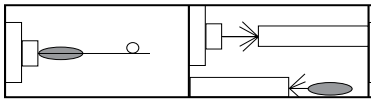
SPECIFICATIONS [a]

Operation (Hz)	2 to 4
Wavelength (nm)	630 to 645
Emitter type	Laser
Power output [b] (typical) (mW)	0.8
Distance range [c] (typical) (km)	5
Operation mode	Pulsed and CW

SIX WAYS TO USE A VFL



Detects breaks in OTDR dead zone. | Highlights sharp bends where losses occur. | Optimizes mechanical/ fusion splices.



Detects defective connectors. | Ensures end-to-end fiber identification in multifiber cables.

GENERAL SPECIFICATIONS

Power supply		2 AAA alkaline batteries
Laser class		2M
Battery life [d] (h)	CW Pulsed	35 50
Length		17.5 cm (6 7/8 in)
Maximum diameter		2.5 cm (1 in)
Weight	Without batteries With batteries	80 g (4.8 oz) 120 g (6.3 oz)
Temperature	Operating Storage	−10 °C to 50 °C (14 °F to 122 °F) −30 °C to 60 °C (−22 °F to 140 °F)

STANDARD ACCESSORIES

User guide, two AAA alkaline batteries, belt clip and certificate of compliance

LASER SAFETY



Complies with 21 CFR 1040.10 except for deviations pursuant to Laser Notice No.50 dated 2007.

a. Specifications are valid at 23 °C ± 1 °C.

b. Only valid with 50/125 µm fiber.

c. Depends on fiber attenuation.

d. Typical battery life using AAA alkaline batteries. Battery life may fluctuate significantly, depending on specific unit's laser current.

ORDERING INFORMATION

FLS-241-UNIV
Universal 2.5 mm ferrule (CW and pulse)

MHz MEGA HERTZ Provided by: Mega Hertz | 800-883-8839 | info@go2mhz.com | www.go2mhz.com
https://www.go2mhz.com/product/visual-fault-locator/

EXFO serves over 2000 customers in more than 100 countries.

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