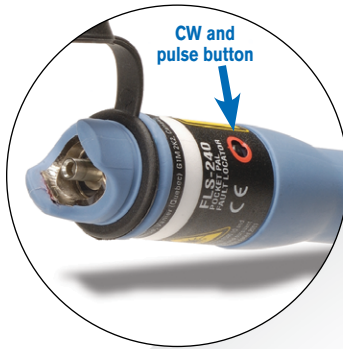


# FLS-240 Pocket Pal

VISUAL FAULT LOCATOR



CW and pulse button



GP-1008 adapter (2.5 mm to 1.25 mm)



The Pocket Pal is the easiest way to identify fibers from end to end and locate polished connector endfaces.

## 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

SPEC SHEET



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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.

Due to its small size, lightweight 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.

SPECIFICATIONS <sup>a</sup>	
Operation (Hz)	2 to 4
Wavelength (nm)	630 to 645
Emitter type	Laser
Power output <sup>b</sup> (typical) (mW)	0.8
Distance range <sup>c</sup> (typical) (km)	5
Operation mode	Pulsed and CW

- Notes**
- 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.

GENERAL SPECIFICATIONS		
Power supply	2 AAA alkaline batteries	
Laser class	2M	
Battery life <sup>d</sup> (h)	CW	35
	pulsed	50
Length	17.5 cm	(6 7/8 in)
Maximum diameter	2.5 cm	(1 in)
Weight	without batteries	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.

ORDERING INFORMATION
<b>FLS-24X-UNIV</b>
 1 = Universal 2.5 mm ferrule (CW and pulse)
Example: FLS-241-UNIV

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

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

SIX WAYS TO USE A VISUAL FAULT LOCATOR		
 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.	 Detects major scratches on connector surfaces.

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