240

NETWORK TESTING

POCKET PAL VISUAL FAULT LOCATOR

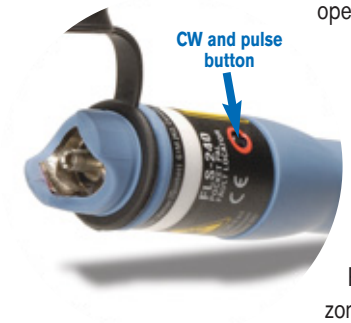
FLS-240

- 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.

Pocket Pal Visual Fault Locator

SPECIFICATIONS

Model		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

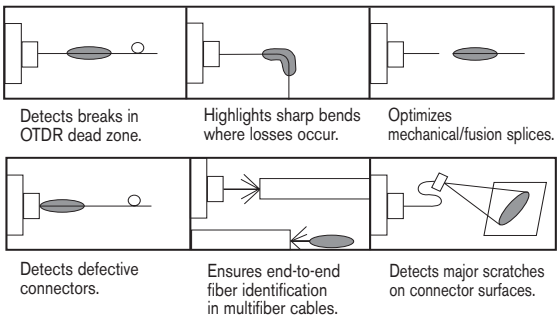
ORDERING INFORMATION

FLS-24X-UNIV

1 = Universal 2.5 mm ferrule (CW and pulse)

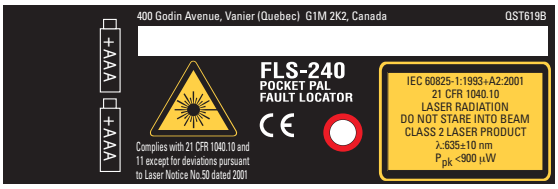
Ex: FLS-241-UNIV

SIX WAYS TO USE A VISUAL FAULT LOCATOR



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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