FLS-140

VISUAL FAULT LOCATOR





Highly efficient pocket-size visual fault locator—the ideal complementary tool for any fiber-testing technician.

KEY FEATURES

Bright red laser at 655 nm

Pulsed and CWoperation

40 hours of operation (typical)

Standard AAA alkaline batteries

Pocket-size pen-style design

2.5 mm universal connector

PEC SHEET



The FLS-140 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-140 locates faults visually by creating a bright red glow at the exact location of the fault on singlemode or multimode fibers.

Compact Design

With a pocket-size pen-style design, this visual fault locator can easily be carried anywhere. Thanks to its anodized aluminium casing, this long-lasting and lightweight tool is the complementary tool of choice for any fiber-testing field technician.

Cost-Effective

The FLS-140's extremely high efficiency guarantees prolonged operation with two standard AAA alkaline batteries, typically providing 40 hours of uninterrupted operation.

Priced to accommodate the tightest budgets, the FLS-140 is a truly affordable way to locate faults in OTDR dead zones. Its effectiveness justifies purchasing one for just about every fiber technician.

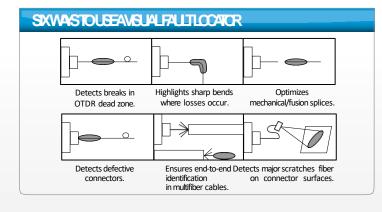
*Typical length of continuous fiber at which end-to-end identification is possible, depending on fiber attenuation. Visual fault location depends on ambient light conditions at test site.

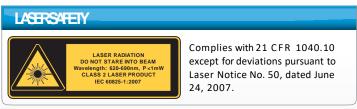
SPECIFICATIONS ²		
Operation (Hz)	2 to 3	
Wavelength (nm) (typical)	650 to 660	
Emitter type	Laser	
Power output ^b (typical) (mW)	0.6	
Distance range ^c (typical) (km)	5	
Operation mode	Pulsed and CW	

Notes

- a. Specifications are valid at 23 $^{\circ}$ C \pm 3 $^{\circ}$ C.
- b. Only valid with 50/125 μm fiber.
- c. Depends on fiber attenuation.
- Typical battery life using AAA alkaline batteries: VARTA Industrial No. 4003; 1.5 V; LR03 Micro; AM4; MN2400. Battery life may fluctuate significantly, depending on specific unit's laser current.

CENERALSPEOFICATIONS			
Power supply	2 AAA alkaline batteries		
Laser class	2		
Battery life ^d (h) pulsed	40		
Length	157 mm	(6 ³ / ₁₆ in)	
Maximum diameter	12 mm	(¹/₂ in)	
Weight (with batteries)	70 g	(2.5 oz)	
Temperature operating storage	—10 °C to 45 °C —30 °C to 60 °C	(14 °F to 113 °F) (—22 °F to 140 °F)	





SIANDARDACCESSORES

Quick reference guide (including Certificate of Compliance) and two AAA alkaline batteries.

CREENGNFORWATION

FLS-140

