

Optical Fiber Inspection Tools

269-VFL03 Optical Fiber Visual Fault Locator, Hand-Held, 1-mW, 2.5-mm Adapter

CHARACTERISTICS

Light source:	laser diode (LD), Class 3R/IIIa; wavelength: 650 nm±20 nm (visible red).
Modes of operation:	continuous or pulse (~2 Hz); LED mode indicator; three-position slide-switch operation.
Plug compatibility:	2.5-mm ferrules (default); 1.25-mm ferrules (with optional adapter, not included).
Fiber compatibility:	multimode: 50-µm–62.5-µm core; singlemode: 8-µm–10-µm core.
Adapter:	2.5-mm Zirconia ceramic split sleeve.
Output power:	1 mW.
Detection distance:	≥5 km (~3 mi).
Power:	two 1.5-V AA batteries (included); continuous operation: ≥40 h.
Protection:	end cap per radiation safety standards; dust-proof.
Dimensions:	diameter: 26 mm (1 in); length: 175 mm (6.9 in).
Weight:	173 g (6.1 oz) without batteries.
Storage temperature:	-20 °C–+70 °C (-4 °F–+185 °F).
Operating temperature:	0 °C–+60 °C (32 °F–+140 °F).
Operating humidity:	≤95 % RH non-condensing.
Compliance:	CFR Title 21 Part 1002; ANSI/IEC/U.S. FDA Class 3R/IIIa.
Accessories:	fabric pouch with belt loop.



269-VFL04 Optical Fiber Visual Fault Locator, Compact, 5-mW, 2.5-mm Adapter

CHARACTERISTICS

Light source:	laser diode (LD), Class 3R/IIIa; wavelength: 650 nm±20 nm (visible red).
Modes of operation:	continuous or pulse (~2 Hz); LED mode indicator; two-button operation.
Plug compatibility:	2.5-mm ferrules (default); 1.25-mm ferrules (with optional adapter, not included).
Fiber compatibility:	multimode: 50-µm–62.5-µm core; singlemode: 8-µm–10-µm core.
Adapter:	2.5-mm Zirconia ceramic split sleeve.
Output power:	5 mW.
Detection distance:	≥6 km (~4 mi).
Power:	two 1.5-V AAA batteries (included); continuous operation: ~13 h; CW operation: ~23 h.
Protection:	end cap per radiation safety standards; dust-proof.
Dimensions:	length: 133 mm (5.2 in); width: 40 mm (1.5 in); height: 30 mm (1.3 in).
Weight:	68 g (2.4 oz) without batteries.
Storage temperature:	-20 °C–+70 °C (-4 °F–+158 °F).
Storage humidity:	≤90 % RH non-condensing.
Operating temperature:	0 °C–+40 °C (32 °F–+104 °F).
Operating humidity:	≤90 % RH non-condensing.
Compliance:	CFR Title 21 Part 1002; ANSI/IEC/U.S. FDA Class 3R/IIIa.

