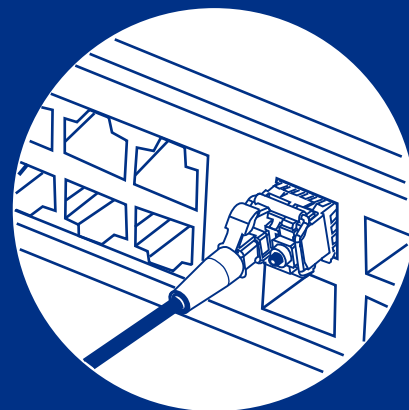
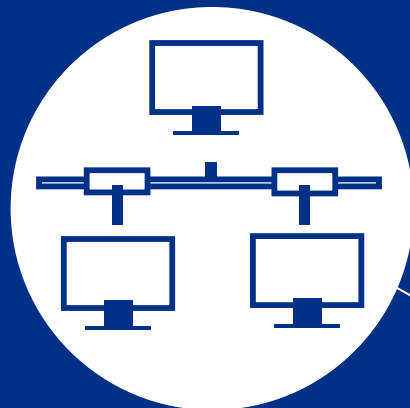


VFL-SFP

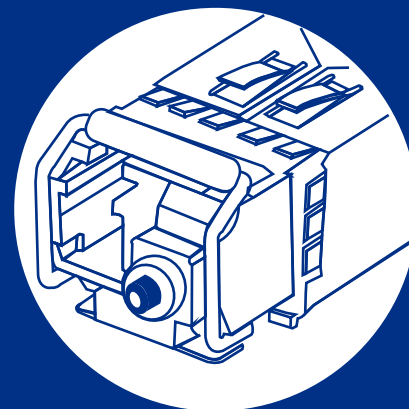
The VFL-SFP offers a standard form factor with Class 2M Laser Eye Safety and long-term reliability vs. standard VFLs. Compatible with existing hardware, install the VFL-SFP into an open switch port, and it will illuminate optical fiber cables to find continuity defects in your links. Use in communication network switches, servers or server blades, and COTSWORKS' media converters, such as the 1G Lightning Stick and 10G OptoCube. Control VFL-SFP features through an I2C interface for optical output power, an auto shut-off, and modulation frequency.



SFP form factor defined by MSA standards INF-8074i and SFF-8431. The compact size makes it easier to install into a switch and test vs. a large handheld VFL device.



Tried and tested network-wide results. Proven to locate continuity defects in all 12 discrete lines of a 1x12 MT breakout from a single device.



To activate/deactivate the VFL-SFP, press and hold the button for 3 seconds. To switch between steady-state and modulation, double-click the button.

VISUAL FAULT LOCATOR

A visual fault locator (VFI / VFL)

is a handheld visible red laser device designed to inject visible light energy into a fiber. Sharp bends, breaks, faulty connectors, and other discontinuities will “leak” red light allowing technicians to visually identify defects in fiber cables.



A non-programmable, battery-powered device with an On/Off button and limited modulation control.

VFL range under ideal conditions	Power level connected	“Connector end view” continuity	“Break location” in patch lead	“Side glow” continuity
Class 1 Legal Limit	+3 dBm	10 Km	7 Km	5 Km
Class 2M Legal Limit	+10 dBm	11.2 Km	8.2 Km	6.2 Km
Illegal VFL “20Km”	+20 mW / 13 dBm	11.7 Km	8.7 Km	6.7 Km
Illegal VFL “30Km”	+30mW / 14.8 dBm	12 Km	9 Km	7 Km
Illegal VFL “40Km”	+40mW / 16 dBm	12.2 Km	9.2 Km	7.2 Km
Illegal VFL “50Km”	+50mW / +17 dBm	12.4 Km	9.4 Km	7.4 Km