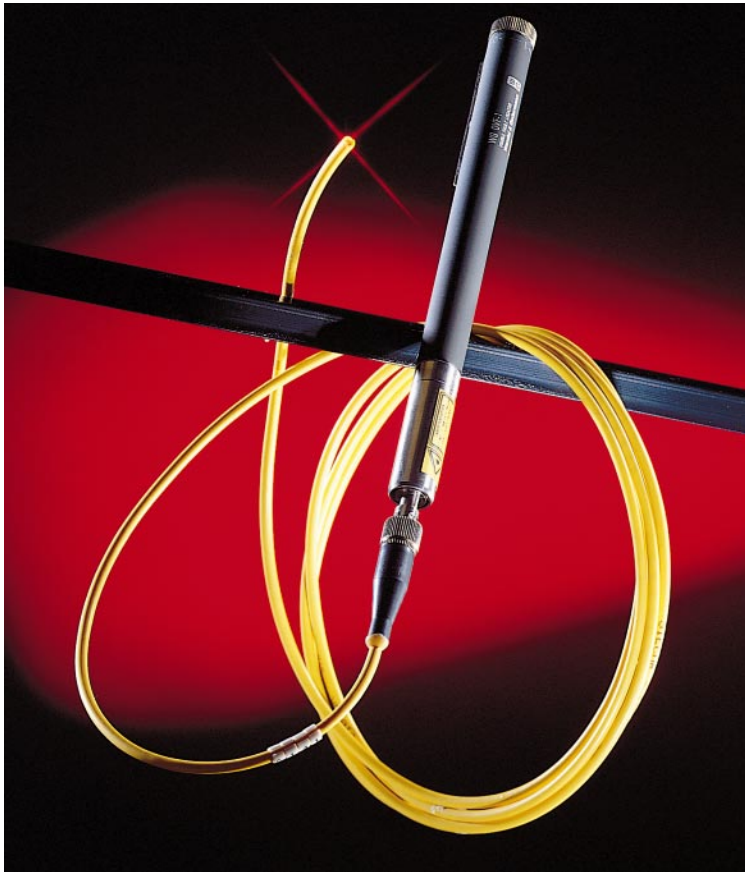


# Acterna OVF-1

## “Pen size” Visible Fault Locator



### Features

- *Rugged metal housing, pen size format*
- *Lightweight*
- *Universal push-pull interface (UPP)*
- *Visible laser light at 635 nm*
- *Usable with single-mode and multimode fibers*
- *Range >5 km*
- *CW and blink modes*
- *Long battery life (>40 hours)*

### Fault location in fiber optics networks

The OVF-1 is specially designed for field personnel who need an efficient and economical tool for fiber tracing, fiber routing and continuity checking in an optical network during and after installation.

Fiber breaks, microbends and poor optical splices are clearly visible as light glows through the fiber buffer or outer jacket.

Fault location behind optical connectors where the use of OTDRs is limited due to dead zones is now possible with the OVF-1.

The blink mode improves visibility for use in bright ambient light. The highly efficient laser diode operates at short wavelengths of 635 nm to ensure that the emitted light is clearly visible to the human eye. Fiber tracing is possible over more than 5 km for single-mode fibers.

With the new universal push-pull (UPP) adapter, matching of all standard 2.5 mm optical connector types is possible. The connector is held without additional mechanical fixing.

The OVF-1 comes in a rugged metal housing. With its compact, lightweight design, it fits easily in a vest pocket.



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# Specifications

Wavelength	approx. 635 nm
Power output	approx. -5 dBm (SMF-28 Fiber, Class II Laser Product)
Optical connector	universal adapter for all standard 2.5 mm connector systems
Power	2 AAA alkaline batteries, (> 40 hours battery life)
Blink mode	2 to 3 Hz
Ambient temperature	Operating range: -10°C to +45°C, Storage range: -40°C to +70°C
Dimensions in mm	170 × 13
Weight	approx. 50 g (incl. batteries)

# Ordering Information

Visible Fault Locator OVF-1

BN 2252/01

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Acterna is present in more than 80 countries. To find your local sales office, go to [www.acterna.com](http://www.acterna.com)

**Note:** Specifications, terms and conditions are subject to change without prior notice.

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