ARGUS® Enhancement: Visual Fault Locator (VFL)

ARGUS®
testing the telecom network

Visual Fault Locator

In fiber optic measurement technology, working cleanly also means laying cleanly. Gone are the copper days when cables were laid at 90° angles or in bends and loops. With fiber optic connections, attention must be paid to the bending radii during installation - if the radius is too tight, considerable losses occur and the cable can even break. As a rule of thumb, you can roughly calculate 15 to 20 times the cable diameter as a limit, which would be a radius of 3 to 4 cm for a fiber with a diameter of 2 mm.
A Visual Fault Locator (VFL) can couple a light visible to the human eye (e.g. red, 650 nm) into the fiber and thus make defects such as breaks and bends (macro bends) and defective connectors visible by emitting red light.
In patch panels or other confusing situations, the VFL helps to identify the correct fiber, as the visible light emits from the end face of the fiber and makes it glow red. Good VFLs are now sufficient for fiber lengths of several kilometers (e.g. 5 km) and can pulse the light so that the blinking rhythm can be clearly identified. A VFL belongs in every technician's pocket, just like a phase tester used to.

Specifications:

- **Mini Visual Laser Source**
- **Output Power: 1 mW**
- **Detecting Range: about 5 km**
- **Wavelength: 650 nm**
- **Laser Level: Class 2**
- **Connector: Un/FC**
- **Modulation Frequency: CW / 2 Hz**
- **Power Supply: 2 * AAA batteries**



The VFL makes a defect in the glass fiber visible by emitting red light.



Available for:



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Expand your ARGUS® now with the **Visual Fault Locator**: Art. no.: 000281.

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