



Visible Fault Locator

Basic information on operation and storage:

Safety:

The VFL emits visible laser light in the wavelength range of 650-660 nm. The maximum optical output power is less than 1 mW so that the device meets **laser Class 1**(IEC 60825-2:2011) power specifications. During normal operation, the laser light is not dangerous, but we still recommend that you do not look directly into the laser output or into the end of a fiber connected to the fault locator.

Application:

The VFL is suitable for performing continuity checks and locating faults on singlemode and multimode optical fibers and components. A range of more than 5 km can be achieved in certain cases. A single universal adapter provides matching to all standard 2.5 mm optical fiber connector systems. The battery lifetime in blink mode is approx 40 hours for alkaline batteries.

Operation:

The instrument can be switched on or off by depressing the black button near the optical adapter for 2 seconds. With the same button the operator can select between a continuous light mode and a flash mode with approx. 3 Hz. The VFL is equipped with a dust cap. Remove the cap when using the device. Replace the cap after use to protect the optical adapter. The optical connector must be inserted all the way into the adapter.

Changing batteries:

To open the instrument, unscrew the pushbutton. Remove the batteries and replace with new ones (2x 1.5v-AAA) then reattach the pushbutton.

For correct polarity the positive (+) poles of the batteries should point towards the laser. We recommend using AIMn batteries. Please remove batteries if device is not going to be used for long period of time.



Protect our environment!

When you change the batteries, please do not throw them away with other trash, as they may contain toxic heavy metals. If a suitable facility is available in your area, old batteries should be returned to a recycling or toxic waste disposal center.

Ambient Temperature:

Storage: -40 to + 70 °C
Operation: -10 to + 45 °C