

OFL-3 FAULT LOCATOR



The OFL-3 is designed for detecting faults in optical cables, measuring a distance to the fault location in a single-mode optical cable.

Application: installation and maintenance of fiber optical links, production of OF and optical cables.

It can be used both in the laboratory and field.

The instrument is based on the same principle as an OTDR.

It is simple and easy-to-work with.

The criteria according to which the instrument automatically locates a fault is the Fresnel reflection detection or attenuation detection in the range of more than 5dB. The OFL-3 is easy to use thanks to two control buttons only.

Measurement results are shown in symbols on a built-in display.

Type of event and a distance to the fault location are highlighted on the display.

The OFL-3 is protected by a robust aluminium dust-and waterproof case.

The small size, light weight and low power consumption complement this handheld unit.

The OFL-3 is developed for different types of optical cables.

Currently, two specifications are available:

- the shortenning factor for 'OFL-3-M' is 1.02;
- the shortenning factor for 'OFL-3-C' is 1.01.

Specifications

Wavelength, nm	1550±20
Maximum distance range, km	80
Reflection dead zone, m	<40
Distance accuracy, m	±30
Indication	distance in meters; type of fault
Events location criteria:	
- reflectance (dB)	from -55 to -40 according to the distance
- event lose (dB)	<5
Measurement time	not more than 3 min
Connector type	FC
Power Supply	rechargeable batteries 4xAAA/-220V
Continuous operation from the rechargeable built-in batteries, h	2
Dimensions, mm	226×108×35
Weight, kg	1.0

Sertificates of Belarus, Russia, Ukraine, Kazakhstan

