

# OFT-420 POF series

## Plastic optical fiber Indicator

### Description:

The OFT-420 POF Indicator is designed for POF – Plastic optical fiber network quick examination. It is designed to indicate the level of optical power during installation, maintenance and operation in POF networks. Red LEDs indicate the level of optical signal is too low for optical receiver (FAIL) and connection between transmitter and receiver is lost. Green LEDs signalize the level of optical signal is suitable for proper operation, connection between transmitter and receiver can be setup. Input interface is based on universal adaptor designed for 2.2 mm outer diameter POF cables.



### Features:

- Easy to use
- Simple POF network testing
- Optical power Indication by color LEDs
- Small size, light weight
- Powered by built-in rechargeable battery

### Standard accessories:

- Universal 2.2 mm input adaptor
- Power charging adaptor
- Soft carrying case

### Optional accessories:

- Universal 2.5 mm input adaptor
- Testing patchcord

### Specifications

Indicator		Note:
Photodetector	3 mm Si	
Dynamic range	-35 dBm to +10 dBm	
Working wavelengths	650, 850 nm	can be customized

Loss Test Set		
Dimensions	95 x 65 x 28 mm	with universal adapter
Weight	250 g	with battery
Temperature	operating: -10 to +50 °C storage: -40 to +70 °C	
Humidity	(non condensing) 0 – 95%	
Battery working time	> 80 hrs	
Battery life time	> 5 years	2700 mAh NiMH

Compliant with RoHS-requirements (2002/95/EG, 27.01.2003)

### Ordering Code:

OFT-420-POF          POF indicator