

## OFT-420 POF Indicator

### Data Sheet

## Overview

The OFT-420 POF Indicator is designed for POF – Plastic optical fiber network testing. It combines two optical test equipments – Light Source and Power Indicator in the same box. The optical Light Source sends optical light into both fibers of duplex output interface, available in working wavelength 650 nm. The optical Power Indicator is designed to indicate the level of optical power in POF networks. It indicates simultaneously level of optical signal in two fibers connected to the duplex input interface. Both output and input interfaces are based on OptoLock® duplex adaptors designed for 2.2 mm outer diameter cables.



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## Features

- (1) Easy to use
- (2) POF network testing
- (3) Optical power Indication in Block of LED
- (4) Duplex OptoLock<sup>®</sup> 2.2 mm IN/OUT interface
- (5) Small size, light weight
- (6) Powered by built-in rechargeable battery

## Standard accessories

- (1) Power charging adaptor
- (2) Soft carrying case

## Specifications

Indicator		Note:
Photodetector	3 mm Si	
Dynamic range	-30 dBm to +10 dBm	650 nm
Working wavelengths	650 nm	can be customized
<b>Light Source</b>		
Output power		
LD 650 nm	-5 dBm	

Loss Test Set		
Dimensions	95 x 65 x 28 mm	with universal adapter
Weight	250 g	with battery
Temperature operating storage	-10 to +50 °C -40 to +70 °C	
Humidity (non condensing)	0 – 95%	
Battery working time	> 20 hrs	
Battery life time	> 5 years	2700 mAh NiMH

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

## Order Information

OPT - 420 - POF - XXX

Wavelength

**Connector Type (Light source) :**

- OptoLock<sup>®</sup> 2.2 mm

(Note: Other types of connectors – on request)

**Light Source:**

- as below

light source code	description	ports	application
LD650	650 nm LD		POF testing

**Ordering example:**

OFT-420-POF – OL2 – LD650 laser diode 650 nm, OptoLock<sup>®</sup> 2.2 mm adaptors

**P.S. OptoLock<sup>®</sup> is a registered by FIRECOMMS Ltd.**