

OFT-420D POF series

Plastic optical fiber Indicator

Description:

The OFT-420D 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 either into one or 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 the level of optical signal simultaneously 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.



Features:

- Easy to use
- POF network testing
- Optical power Indication in Block of LED
- Duplex Optolock 2.2 mm IN/OUT interface
- Small size, light weight
- Powered by built-in rechargeable battery
- Auto-off function, 10 min

Standard accessories:

- Power charging adaptor
- 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
Light Source		
Output power		
LD 650 nm	-5 dBm	

Loss Test Set		
Dimensions	130 x 80 x 25 mm	with Optolock 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	> 20 hrs	
Battery life time	> 5 years	2700 mAh NiMH

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

Ordering Code:

OFT-420D-POF - XXX - Wavelength

Connector type (Light source) * OL2 OptoLock 2.2 mm	Light source as below
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*) Note: Other types of connectors – on request

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

Ordering example:

OFT-420D-POF-OL2-LD650 laser diode 650 nm, OptoLock 2.2 mm adaptors