Ver. 2.0

COMOSS OFT-820 POF Cable Tester

Data Sheet

Without many complicated operations of instrument. It's simpler to discriminate the quality of POF cables.

Overview

The OFT-820 series optical Loss Test Set combines two optical test equipments – Light Source and Power Meter in the same box. The optical Light Source fulfills all the necessary technical requirements for field equipment. Available in various working wavelengths combinations: 650 nm. The optical Power Meter is designed to measure absolute or relative optical power in optical networks.

The memory capacity allows storage and uploading of up to 3000 measurements including memory position or fiber number, wavelength, absolute value or relative value and insertion loss. The Smart Protocol PC evaluation software supports memory download and test report generating.

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COMOSS Electronic Co., LTD
4F, No.11, Chung-Hsin St. Shu-Lin 238 Taiwan R.O.C.
Tel:886-2-26882498 Fax:886-2-2689-9160
Web: http://www.comoss.com/ http://pof.comoss.com/

Key Features

- Small size, light weight
- High capacity two level memory
- Smart Protocol PC software: Memory download
  Reporting solution
- AWD (Auto Wavelength Detection) function
- Various working wavelengths
- USB port - battery charging, data download, FW upgrade
- Absolute and Relative optical power measurement
- Displayed units: dBm, dB, W
- Powered by built-in rechargeable battery
- Battery status indicator
- Auto Off function
- Supported interfaces of cable below:

➢ **Standerd:**

2.2mm

(Optical wavelength：650nm)

➢ **Optional:**



FC **SC** **HFBR**

(Optical wavelength：650nm)

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Specification

Indicator		
Photo detector	3 mm Si	
Dynamic range	-30 dBm to +10 dBm	650 nm
Working wavelengths	650 nm	650 nm
Light Source		
Output power		
LD 650 nm	-5 dBm	
Loss Test Set		
Dimensions	180 x 80 x 50 mm	with universal adapter
Weight	340 g	with battery
Temperature operating	-10 to +50 °C	
storage	-40 to +70 °C	
Humidity (non condensing)	0 to 95%	
Battery working time	> 50 hrs	between battery charging
Battery life time	>5 years	2700 mAh NiMH

Order Information

OFT-820

P.S. OPTOCLOCK® is a registered by FIRECOMMS Ltd.

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