LS-830-FTTX
Optical light source

Description:

The LS-830-FTTX optical Light Source is designed for simultaneous testing of three wavelengths on optical lines, especially in FTTX projects. It combines 1310 nm, 1550 nm and 1490 nm output wavelengths at one output port. In cooperation with PM-830-FTTX power meter it allows simultaneously measurement and display of all three wavelengths. If required it is possible to measure at one or two wavelengths.

The changeable connector/adaptor design allows the simple exchange of optical PC or APC connectors (FC, SC or ST) and easy cleaning of the output connector ferrule after removing the connector adaptor. LC/PC and LC/APC are also available.

Features:

- Small size, light weight
- Three simultaneously transmitted wavelengths
- Powered by two AA type batteries
- Built-in charger
- Auto Off
- Battery status indicator
- Easy to use

Standard accessories:

- Light source
- FC or SC adapter (can be customized)
- Power charging adaptor
- Rechargeable NiMH batteries – 3 pcs
- Calibration certificate
- Soft carrying case

Specifications:

		Note:
Wavelength*	1310, 1550, 1490 nm	
Output power	-10 dBm	typ. value
Stability (1 hour, delta/2):	± 0.05 dB	tested after 20 min warm up temperature 23 ± 1°
Dimensions	165 x 80 x 40 mm	including adaptor
Weight	180 g	with battery
Operating temperature	-10 to +50 °C	
Battery working time	> 50 hrs	between battery charging
Battery life time	> 5 years	2700 mA/h NiMH

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

*) other – on request

Application:

- FTTX optical networks measurements
- PON optical networks measurements

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Options: TE-HC-03

TE-HC-03

Note: TE-HC-03 standard accessories, allows storage of two testers (PM-830 + LS-830 for example)

Ordering Code:

LS-830 - XX - XX

Ferrule style	
P2	2.5/PC
A2	2.5/APC

Adaptor	
Combined with*	
ST	P2
SC	P2,A2
FC	P2,A2
NC	P2,A2, no connectors
LC	Fixed Adaptor LC/PC
NLC	Fixed Adaptor LC/APC

*) LC type – fixed adaptor, not removable
Other interface on request

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