

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 FTTH-PON 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:

- FTTH-PON testing
- Small size, light weight
- Three simultaneously transmitted wavelengths
- Built-in charger
- Rechargeable Li-Pol battery
- Battery status indicator
- Auto Off
- Easy to use

Standard accessories:

- Light source
- Calibration certificate
- FC or SC adapter (can be customized)
- Power charging adaptor
- Hard carrying case TE-HC-03

Specifications:

Wavelength*	1310, 1550, 1490 nm
Output power	-15 dBm
Stability (1 hour, delta/2):	± 0.05 dB
Dimensions	165 x 80 x 40 mm
Weight	250 g
Operating temperature	-10 to +50 °C
Battery working time	> 50 hrs
Battery life time	> 2 years
Compliant with RoHS-requirements (2002/95/EG, 27.01.2003)	

*) other – on request

Note:

typ. value
tested after 20 min warm up
temperature 23 ± 1°

with battery

between battery charging
3000 mA/h Li-Pol

Application:

- FTTX optical networks measurements
- PON optical networks measurements

Ordering Code:

LS-830		-	XX	-	XX
Ferrule style		Adaptor			
P2	2.5/PC	Combined with*			
A2	2.5/APC	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

Standard accessories: TE-HC-03



TE-HC-03
hard case for one or two testers