

## 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

### Specifications:

Wavelength*	1310, 1550, 1490 nm	
Output power	-15 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	
Weight	250 g	with battery
Operating temperature	-10 to +50 °C	
Battery working time	> 50 hrs	between battery charging
Battery life time	> 2 years	3000 mA/h Li-Pol

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

\*) other - on request

### Application:

- FTTX optical networks measurements
- PON optical networks measurements

### Ordering Code:

LS-830 - XX - XX

Ferrule style		Adaptor	Combined with*
<b>P2</b>	2.5/PC	<b>ST</b>	P2
<b>A2</b>	2.5/APC	<b>SC</b>	P2,A2
		<b>FC</b>	P2,A2
		<b>NC</b>	P2,A2, no connectors
		<b>LC</b>	Fixed Adaptor LC/PC
		<b>NLC</b>	Fixed Adaptor LC/APC

\*) LC type - fixed adaptor, not removable, other interface on request

### Standard accessories



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