

LS-215-G Pocket optical light source

Description:

The LS-215-G optical Light Source is a small size low cost item which fulfils all necessary technical field equipment requirements. Available of working wavelengths 850/1300 for multimode or 1310/1550 nm single mode applications or a visible 650 nm laser source. The rechargeable battery ensures long term working with a minimum life time of 2 years. Batteries can be charged via a USB port or external AC/DC adaptor. The universal output port allows the easy installation of optical adaptors FC, SC, ST or LC widely used in telecommunications, data and industry networks. The output port is designed for connection of PC polished connectors. The LS-215-G light source can be used in cooperation with the PM-215, the same smallest design optical power meter for measurement of Insertion loss and evaluation of power budget in optical networks. The tester is equipped with USB port – for battery charging and for PC control.



Features:

- Single or Dual wavelength output
- Smallest size, light weight
- Wide range of output adapters
- USB port: PC control and Battery charging
- Powered by Li-Pol type battery
- Battery status indicator, 10 min Auto Off
- Protection rubber cover

Specifications:

Output power		Note:
LD 650 nm	0 dBm	Visible laser
LD 850 nm, 1300 nm	0 dBm	typ. value
LD 1310, 1550 nm	0 dBm	
Stability (1 hour, delta/2):		
LD 850 nm, LD 850, 1300 nm	± 0.1 dB	tested after 20 min warm up temperature 23 ± 1°
LD 1310, 1550 nm	± 0.05 dB	
Dimensions	95 x 47 x 27 mm	with output adaptor
Weight	55 g	with battery
Temperature operating storage	-10 to +50 °C -40 to +70 °C	< 1 month
Humidity (non condensing)	0 to 95%	
Battery working time	> 7 hrs	between battery charging
Battery life time	> 2 years	320 mA/h Li-Pol

Output adaptors:



TE-AGS-FC
FC adaptor



TE-AGS-SC
SC adaptor



TE-AGS-ST
ST adaptor



TE-AGS-LC
LC adaptor

Changeable adaptors:



Removed adaptors – 2.5 mm sleeve designed for FC/SC/ST
For LC type – sleeve would be changed to 1.25 mm

Accessories:

- Set of adapters: FC, SC, ST, LC
- USB cable
- Power charging adapter
- Traceable calibration certificate
- Hard case TE-HC-215-G 265x270x90 mm



Hard case
TE-HC-215-G



Soft case
TE-EVA-215

Options:

- Soft case TE-EVA-215, 130x32x80 mm

Ordering Code:

LS-215-G-Light source

Light source code	description	application
650	650 nm visible laser	visual checking
850	850 nm LD	
30	1300 nm LD	MM fiber testing
850-30	850 + 1300 nm LD	
31	1310 nm LD	
55	1550 nm LD	SM fiber testing
31-55	1310 + 1550 nm LD	

Typical configuration:

LS-215-G-31	Laser source 1310 nm
LS-215-G-31-55	Laser source dual wavelengths 1310 + 1550 nm
LS-215-G-31-55	Laser source dual wavelengths 1310 + 1550 nm