

# 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 connection of mostly used in telecommunications, data and industry networks of optical connectors FC, SC or ST. High power laser source is available. 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.



LS-215-G-LD31-55

## Features:

- Single or Dual wavelength output
- Smallest size, light weight
- Universal 2.5 mm output port
- Battery status indicator
- Single or dual wavelengths source
- Powered by Li-Pol type battery
- Battery charging via USB port
- 10 min Auto Off
- Protection rubber cover

## Standard accessories:

- Light source
- USB cable
- Power charging adapter
- Traceable calibration certificate
- Hard plastic 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

## Specifications:

### Output power

LD 650 nm	0 dBm
LED 850 nm, 1300 nm	-20 dBm
LD 1310, 1550 nm	-5 <sup>1</sup> dBm

### Note:

Visible laser

typ. value

### Stability (1 hour, delta/2):

LD 850 nm, LED 850, 1300 nm	± 0.1 dB
LD 1310, 1550 nm	± 0.05 dB

tested after 20 min warm up  
temperature 23 ± 1°

Dimensions 95 x 47 x 27 mm

with output adaptor

Weight 55 g

with battery

Temperature operating -10 to +50 °C  
storage -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

Note: 1) High power Premium type available – 0 dBm typ.

## Ordering Code:

### LS-215-G(P<sup>1</sup>) - Light source

Light source code	description	application
LD650	650 nm visible laser	visual checking
LED850	850 nm LED	MM fiber testing
LED30	1300 nm LED	
LED850-30	850 + 1300 nm LED	
LD31	1310 nm LD	SM fiber testing
LD55	1550 nm LD	
LD31-55	1310 + 1550 nm LD	

## Typical configuration:

LS-215-G-LD31 Laser source 1310 nm

LS-215-G-LD31-55 Laser source dual wavelengths 1310 + 1550 nm

LS-215-GP-LD31-55 Laser source dual wavelengths 1310 + 1550 nm, output power 0 dBm