

LS-215E

Pocket optical light source

NEW!
THE SMALLEST
IN THE MARKET

Description:

The **LS-215E** optical Light Source is a compact and cost-effective device that meets all essential technical requirements for field equipment. It operates at wavelengths of 850/1300 nm for multimode or 1310/1550 nm for single mode applications. The rechargeable battery ensures prolonged operation with a minimum lifespan of 2 years. The batteries can be conveniently charged using a USB port or an external AC/DC adaptor.

The versatile output port facilitates the simple integration of commonly used optical adapters (FC, SC, or ST) in telecommunications, data, and industrial networks. This output port is specifically designed for the connection of connectors with a PC polished finish.

The **LS-215E** light source can collaborate with the **PM-215E**, which shares the same compact design as the smallest optical power meter. Together, they enable the measurement of insertion loss and the assessment of power budget in optical networks. The tester comes equipped with a USB-C port for convenient battery charging.



LS-215E-SM

Features:

- Dual wavelength output
- Multimode and Single mode version
- Smallest size, light weight
- Changeable output adapters
- USB-C port:
 - Battery charging
- Powered by Li-Pol type battery
- Battery status indicator
- 10 min Auto Off

Standard accessories:

- Set of adapters: FC, SC, ST
- USB cable
- Power charging adaptor
- Traceable calibration certificate
- Hard case TE-HC-01, 265x270x90 mm

Options:

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



Hard case
TE-HC-01



Soft case
TE-EVA-215E

Output changeable adapters:



TE-AGS-FC
FC adaptor



TE-AGS-SC
SC adaptor



TE-AGS-ST
ST adaptor



output adapter removed for easy cleaning

Specifications:

Output power		Note:
LD 850, 1300 nm	-10 dBm	Typ. value, FC adaptor
LD 1310, 1550 nm	-10 dBm	
Stability (1 hour, delta/2):		Tested after 20 min warm up Temperature 23 ± 1°C
LD 850 nm, 1300 nm	± 0.1 dB	
LD 1310, 1550 nm	± 0.05 dB	
Dimensions	75 x 47 x 24 mm	Including FC adaptor
Weight	55 g	With battery
Temperature - Operating	-10 to +50 °C	< 1 month
- Storage	-40 to +70 °C	
Humidity (non condensing)	0 to 95%	
Battery working time	> 7 hrs	Between battery charging
Battery life time	> 2 years	320 mA/h Li-Pol

Ordering code:

Typical configuration:	Wavelength:	Application
LS-215E-MM	850 + 1300 nm	MM fiber
LS-215E-SM	1310 + 1550 nm	SM fiber



Set for measurement IL in optical networks



LS-215E



PM-215E Power meter
(see datasheet TEQ_04-24_EN-PM-215E)

LP-03MS set: TE-HC-03, LS-215E-SM + LS-215E-MM + PM-215E

LP-02M set: TE-HC-02, LS-215E-MM + PM-215E

LP-02S set: TE-HC-02, LS-215E-SM + PM-215E

Standard accessories: 2x AC/DC charger, USB cable,
LS-215E: FC, SC, ST output adapters
PM-215E: universal 2.5 and 1.25 mm input adapters