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## INJETOR DE LUZ

Ref: 01101ST815/01101ST815B

### SENDER LASER SOURCE ST815/ST815B

ST815 Laser Source can support stable laser signal on many kinds of wavelength, it can identify fiber, test fiber loss and continuity accurately, help to evaluate transmission quality of fiber chain as well. It supplies high performance laser source for field test and lab project development.

With features of durable structure, large LCD display with backlight and friendly operation interface, the ST815 advanced stability handheld optical light source provides a lot of convenience for your field work.

High stability of output power and quite stable output wavelength, it is an ideal instrument for optical network installation, trouble shooting, maintenance and other optical fiber related systems. It can be widely operated for LAN, WAN, CATV, remote optical network, etc.

Cooperate with ST800 series Optical Power Meter; it can distinguish fiber, test optical loss and connection, help to evaluate fiber transmission performance.

## FEATURES AND FUNTIONS

- Handhold, easy to operate
- Two to Four wavelength optional
- Continuous light, modulated light output
- Output double wavelength or three wavelengths through single tie-in 5
- Output three or four wavelengths through double tie-in
- High stabilization
- Auto 10 minutes shut off function
- Big LCD, intuitive, easy to use
- LED backlight switch on/off
- Auto close back light in 8 seconds
- AA Li battery
- Battery voltage display
- Low voltage checking and shut off to save energy
- Automatic wavelength identification mode (with the help of corresponding power meter)

## TECHENICAL SPECIFICATIONS

### Key Tech Specifications

Emitter type	FP-LD / DFB-LD
Output wavelength switch (nm)	ST815 Wavelength: 1310 $\pm$ 20nm, 1550 $\pm$ 20nm ST815B Wavelength: 1310 $\pm$ 20nm, 1550 $\pm$ 20nm, 1490 $\pm$ 20nm for PON Network
Spectral width (nm)	$\geq$ 5
Output optical power (dBm)	$\leq$ -7, $\leq$ 0dBm (customized, 650 nm $\geq$ 0dBm
Optical output mode	CW continuous light Modulization output: 270Hz, 1kHz, 2kHz, 330Hz 650nm red light: 2Hz and CW
Power stability (dB) (Short time)	$\leq$ +0,05/15min
Power stability (dB) (Long time)	$\leq$ +0,1/5h

### General Specifications

Working temperature (°C)	0° - 40°
Storage temperature (°C)	-10° - 70°
Weight (kg)	0,22
Dimensions (mm)	160x76x28
Battery	Li battery, LCD display