

# LS200/LS300/LS500 Light Source

## Overview

LS series light source is qualified in optical network, CATV and FTTX maintenance. Together with our optical power meter, it is a perfect solution for fiber optic network applications.

## Key Features

- Multi wavelength output,
- CW mode or modulated mode, 270HZ,330HZ,1KHZ,2KHZ
- Adjustable output power
- 30 hours working time



## Specifications

Model	
LS200A Light source(single wavelength)	1310, 1490, 1550 nm
LS200B Light source(double wavelength)	1310 / 1550 nm,850 / 1300 nm
LS300A Light source(double wavelength)	1310 / 1550 nm,850 / 1300 nm / visible light source
LS300B Light source(triple wavelength)	1310 / 1550 nm / 1490 nm / visible light source
LS500 Light source(Multi wavelength)	1310 nm / 1550 nm / 1490 nm / 850 nm / 1300 nm / visible; SM and MM

## Specifications

Model	LS200A-A	LS200A-B	LS200B	LS300A	LS300B	LS500
	Singel Wavelength Light Source	Double Wavelength Light Source	Double Wavelength Light Source	Double Wavelength Light Source	Triple Wavelength Light Source	Multi-Wavelength Light Source
Central wavelength	1310±20nm	1550±20 nm	1310&1550±20 nm	1310 ± 20 / 1550 ± 20	1310 ± 20 / 1550 ± 20/10 / 1490 ± 10	1310 ± 20 / 1550 ± 20 / 1490 ± 10 / 850 ± 26 / 1300 +50
Laser transmitter	FP-LD			FP-LD(Default), DFB		
Output power	+3 ~ -5 dBm Stepping 1dB		-3 dBm	+3 ~ -5 dBm Stepping 1dB	SM: 1310, 1490, 1550, 1,0,-1 MM: 850, 1300, -5,-6,-7	
Fiber	SM			SM, MM:62.5/125µm(Default) 50/125µm		
Power stability	±0.05 dB@20°C 1h ±0.1 dB@20°C 8h After a 15-minute warm-up			±0.05 dB@20°C 0.5h ±0.08 dB@20°C 8h After a 15-minute warm-up		
Optical adapter	FC/APC			FC/APC( Default ), FC/APC, SC/APC, SC/APC		
Tone generation	270 Hz, 1 kHz, 2 kHz			270 Hz, 1 kHz, 2 kHz		
Power	2×1.5V AA batteries or rechargeable Ni-MH batteries			3×1.5V AA batteries or rechargeable Ni-MH batteries		
Battery life	>30 h (Light on, backlight off)			>30 h (Light on, backlight off)		
Operating Temperature	-10°C ~ +60 °C			-10°C ~ +60 °C		
Dimensions	119mm×70mm×29mm			185mm×85mm×45mm		
Weight	200g ( Battery is exclusive )			320g ( Battery is exclusive )		