

## 6313C Laser source



### Product overview

6313C Laser source is a handheld dual-channel laser source, which can be used in telecommunication, CATV and LAN cable tests. Loss measurement of optical passive components; wavelength response degree tests of detectors; environmental feature tests of optical fibers and cables.

### Main characteristics

- Double ways of laser sources, capable of dual-port simultaneous output
- Can output continuous wave (CW) or modulation wave (MOD)
- Optical power can be attenuated in steps
- Can use both built-in rechargeable battery and dry battery
- Anti-dust cover is on the top

### Double ways of laser sources, capable of simultaneous output

The two ways of sources have individual output ports which can be used together

### Can output CW or MOD

Built-in modulation functions can switch among CW, 270Hz, 1kHz and 2kHz

### Optical power is capable of step attenuation

Optical power is capable of attenuation at 0dB-6dB, step is 1dB.

## Use built-in rechargeable and dry batteries

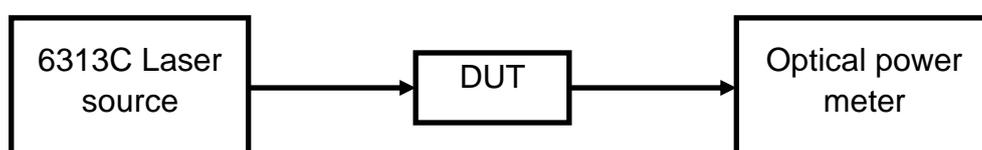
Built-in lithium battery, 3 pieces of AA batteries can also be put in the compartment.

## Top anti-dust cover

The top anti-dust cover protects fiber connector.

## Typical applications

6313C Laser source works together with optical power meters as power loss testing systems. When they test passive components, connect the laser source directly to the optical power meter directly for measurement, then connect a device under test to the laser source and the meter for measurement. Subtract one result from another to get insertion loss of the DUT.



## Technical specifications

Model	001	002	003
Wavelength of emitted light	1310±20nm, 1550±20nm (single mode)	850±20nm, 1300±20nm (multi-mode)	850±20nm, 1300±20nm (multi-mode) 1310±20nm, 1550±20nm (single mode)
Fiber type	9/125 μ m	62.5/125 μ m	9/125μm(1310/1550nm) 62.5/125μm(850/1300nm)
Short-term stability	±0.02dB/15min	±0.05dB/15min	±0.05dB/15min (multi-mode) ±0.02dB/15min (single mode)
Output interface	FC/UPC		
Long-term stability	±0.15dB/8h		
Optical spectrum width	≤5nm		
Output power	≥-3dBm		
Working method	CW、270Hz、1kHz、2kHz		
Optical power adjusting range	0-6dB		
Power	Built-in lithium battery (3.7V, ≥1000mAh); 3 AA dry batteries; External AC/DC adapter (AC input voltage range 220V±10%, frequency range 50~60Hz, output voltage range 5V, output current ≥1A)		
Power consumption	≤0.5W		
Dimensions	W×H×D=86mm×186mm×40mm		
Weight	≤0.5kg		
Environment adaptability	Working temp: -10℃~+55℃; storage temp: -50℃~+70℃; relative humidity: 5%~95%		

**Ordering information**

**Host equipment: 6313C Laser source**

**Standard configuration:**

No.	Name	Remarks
1	Power cord	Adapter for Micro-USB interface
2	Rechargeable battery	Lithium battery
3	Dry battery	3 AA dry batteries
4	User Manual	
5	Certificate	

**Options:**

No.	Remarks
H01	LC、SC、ST fiber switching interfaces

