

Optical Power Source



Optical Power Source is part of the toolbox essentials working in pair with optical power meters to measure the optical attenuation and eliminate the faults when telecom engineers/technicians install or maintain optical fiber networks. 3C3® series laser sources are well designed for first-class versatility, it offers stabilized laser signal, as well as various wavelengths. With a rugged design, the laser sources are built for top ruggedness, perfect for the harsh test conditions to verify the continuity and evaluate fiber link transmission quality.

Features

- High stabilization, built-in optic isolator
- 270Hz, 1 KHz, 2KHz modulation output
- Auto-Wave ID output, works with 3C3® power meters
- Energy save mode
- 1~3 wavelengths output from one port
- Covered under 3C3® Standard Product Warranty

Technical Specifications

Wavelength	: SM : 1310/1550nm
	: MM : 850/1300nm
Stabilization *	: ±0.05dB / 1 hour; 0.1dB / 8 hours
Output Power	: SM : > - 6dBm @ 1310nm/1490nm/1550nm/1625nm
	: MM : > -10 dBm @ 850nm/1300nm
Modulation	: 270Hz, 1KHz, 2KHz
Connector	: FC/PC (Fixed)

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Wave ID	: Yes
Auto Power Off	: No operation in 10 minutes (can be canceled), Low battery energy
Battery Charge	: Yes
Operate Time	: Above 16 hours
Power Supply	: AA * 3 batteries or AC/DC power supply adapter

* After 5 minutes' warm-up, 20±3°C, CW, FC connector, with optic isolator

General Specifications

Size(H*W*D)	: 190 * 90 * 40 mm
Weight	: 480g
Storage Temperature	: -20 ~ +60°C, < 90%RH
Operating Temperature	: -10 ~ +50°C, < 90%RH

Standard Contents

- Carry Case
- Calibration Certificate
- Manual
- FC Adapter
- AC/DC Adapter
- 3 * AA Batteries

Ordering Information

Product Code	Description
43C80	Optical Power Source, Standard FC/PC Connector C = 0 - SM, 1 - MM