



PH3122

Portable 1310nm/1550nm Fiber Optic Light Source

Overview

PH3122 1310nm & 1550nm light source is the lowest-cost version for general purpose use in R & D environment. It fits for either single mode or multimode fiber cables. Two AAA batteries are built in casing, which allows at least 30 hours of continuous operation. PH3122 comes with a universal fiber adapter output, which offers much convenience in laboratories. Usually, extra FC cap mount and the protection cap come with the fiber adaptor when delivery.

Key Features

- Compact size; Completely self-contained
- Continuous wave and 2 Hz pulsed modulation
- Universal connector adaptor
- 30-hour continuous operation

Main Applications

- Sensor system
- R & D for general purpose.



General Specifications

Product Model	PH3122-1310 / PH3122-1550
Output Power	0.5mW typ.
Laser Diode Type	FP-LD
Operation Wavelength (nm)	1310nm, or 1550nm (or upon special request)
Spectral Width @ 20°C	< 5nm
Fiber Operation Mode	SM, MM
Compatible Fiber Core Types	9/125, 50/125, 62.5/125 or PM fiber
Modulation Type	CW, 2Hz
Connector Type	FC, SC, ST (Universal Adaptor)(with extra FC cap typ.)
Power Supply (Battery)	2 x AAA
Operating Temperature (°C)	-10 ~ +60
Storage Temperature (°C)	-25 ~ +70
Battery Operating Time (hrs)	≥ 30
Dimensions (mm)	100 x 50 x 25
Weight (g)	50

*Other center wavelengths are available;
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