

General Description:

CA6017 series laser source are advanced version of CA6012 series laser source, with two more calibrated wavelengths .

Auto-Wavelength Recognition

The CA6017 can transmit with a wavelength-identification digital encrypted protocol, enabling the FHP2 power meter to automatically use the proper calibration wavelength. This feature reduces the need for communication between the

two technicians and decreases the possibility of making mistakes.

The CA6017 series offer excellent stability and portability for accurate fiber optic testing. Two output ports provide stable laser power at four wavelengths. The compact unit operates in either continuous wave (CW) mode or modulated mode. A low battery indicator reminds the user of recharging the battery.



Features:

- Easy-to-use, straight forward operation
- Eye-catching handheld appearance
- LCD back-light for easy operation in dark environment
- Rechargeable battery
- Four wavelengths available for multi-purpose testing
- Three-year warranty and recommended calibration interval.

Specifications:

	CA6017A	CA6017B
Output wavelength (nm)	850/1300/1310/1550	1310/1490/1550/1625
Emitter Type	LD	
Output Stability	Short Term (15 min.): < $\pm 0.05\text{dB}$ @1310,1550nm; $\pm 0.1\text{dB}$ @850 & 1300 Long Term (8 Hours): < $\pm 0.1\text{dB}$ @1310,1550nm; $\pm 0.2\text{dB}$ @850 & 1300	Short Term(15minutes): <0.05dB@1310,1550nm <0.1dB@1490,1625nm Long Term(5Hours or above): <0.1dB@1310,1550nm <0.2dB@1490,1625nm
Central Wavelength	$\pm 20\text{nm}$	
Spectral Width	3nm	
Output Frequency (Hz)	270,1K,2K	
Output Power	-5 dBm $\pm 0.5\text{dB}$	
Auto Power-off	Yes	
Back-light	Yes	
Operating Temperature	-10 to +50	
Storage Temperature	-20 to +70	
Power supply	2pcs * Ni-MH AA(2500mAh)	
Dimension (mm)	160L*76W*45H	
Net Weight	270g	

① Note: Valid at 1550nm, CW, $23\pm 3^\circ\text{C}$, Relative Humidity $\leq 70\%$, with an FC connector.

Ordering Information:

Standard Accessories:

FC/PC, ST/PC, SC/PC interchangeable connectors , Manual, Carrying Bag, and Battery, AC/DC Adapter/Charger, Test report.

Optional Accessories:

Description	Ordering Number	Description	Ordering Number
FC/PC male -LC/PC female Adapter	FH-LC	Carrying Box	FH-PS
		Silicon Boot	FH-RB

NOTE: PLEASE CONTACT GRANDWAY FOR AVAILABILITY AND LEAD TIME.

UC INSTRUMENTS CORP.

Address: 37498 Glenmoor Dr. Fremont, CA 94536, the USA

TEL: +1-510-366-7353 FAX: +1-510-353-1809

WEB: www.ucinstruments.com