

**General Description:**

CA6043 Bench-Top laser source uses high performance DFB laser emitter, highly precise auto power controlling and temperature controlling technology so that both the output wavelength and power have a wonderful short-term and long-term stability. CW mode, inside and outside modulation mode are available on this laser source.

DFB laser source provides narrowband single longitudinal mode laser. The working wavelength can be 1310nm, 1490nm and 1550nm. User can choose the right wavelength according to the need.

CA6043 bench-top laser source can be used in the testing of optical communication system, manufacture and testing of optical components.

**Technology Parameters :**

Output Wavelength	1310/1490/1550 nm
Center wavelength	1310±5 nm, 1490±5 nm, 1550±5 nm
Spectrum Bandwidth	<1nm(@ -20dB)
Output Power	>1mW(fixed output, can be tailored from 1mw to 10 mw)
Short-term Stability	≤±0.005dB/15 min
Long-term Stability	≤±0.03dB/8 hours
Operation Pattern	CW, inside modulation, outside modulation
Inside Modulation	square wave output: 270Hz, 1KHz, 2KHz, or user setting; duty cycle50±10%
Outside Modulation	Digital electric level input, BNC connector
Working Temperature	0~+40°C
Storage Temperature	-20~+70°C
Powe supply	AC100~240V 50/60HZ
Size	260mm×110mm×310mm
weight	3kg

**Standard accessories :**

fast instruction 1 pcs; instruction CD 1pcs; certification 1pcs; testing report 1pcs; 220V power line 1pcs; packing carton 1pcs packing list 1pcs

**CA Optronics Group, Inc.**

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

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

WEB:www.caoptronicsgroup.com