

Fiber Coupled Laser Source

FCLDS 395-415-20

(Patent pending)

Product Description

Agiltron Fiber Coupled Laser Source is a fiber pigtailed laser source, which can output maximum power to 20 mW /405 nm. It is a high stability output power light source based on a high precision, ultra low noise constant current control unit and TEC temperature control circuit plus feedback loop control circuit.



Performance Specifications

Fiber Coupled Laser	Min	Typical	Max	Unit
Operation Wavelength		405		nm
Output Power		20		mW
Stability		30 Min: ± 0.02 mW; 24 Hr: ± 0.2 mW (After 5 Min war-up at 25 ± 10 °C ambient)		mW
Display Accuracy		$\pm 10\%$		
Set Point Resolution		0.1		mA
Adjustment Range		Laser operation current: 200 mA Laser output power: 0-20 mW		
Operation Temperature		15 to 35		°C
AC Input Voltage	115 VAC /230 VAC	(Internal Switch Selectable)		50-60Hz

Features

- High Stability
- High Precision
- Ultra Low Noise

Applications

- Fiber based



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Mechanical Diagrams

