



ISO 9001 : 2008

Certificate No.: CC 5346

Applications

- SHG Application
- Medical
- Industrial
- Fiber Optic Sensing
- Laboratory

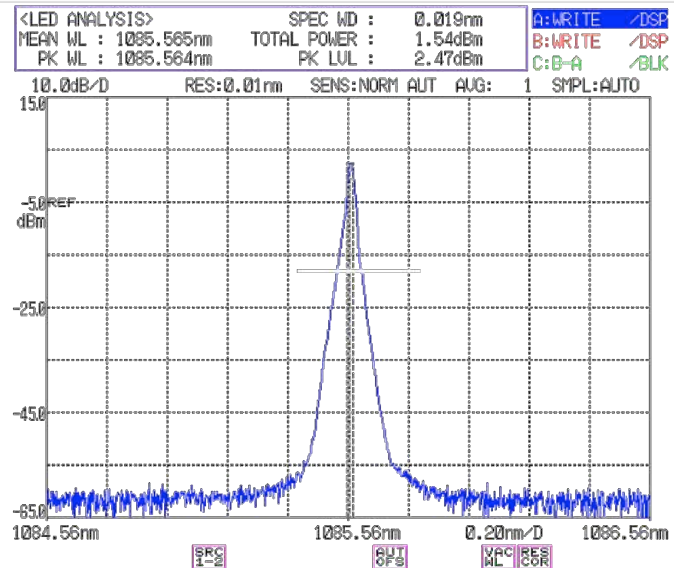


Description

Amonics' specialized products, Ytterbium-doped Fiber Lasers (YDLs), are made with high power pump laser and high stability pump combiners robust in high power boosting. The result are YDLs that possess high output power, narrow linewidth with exceptionally reliable performance, and are ideal for applications required high power lasers. The turnkey microprocessor controlled benchtop YDLs manage alarms and status indicators. An integrated RS232 or Ethernet computer interface enables easy control, diagnostic functions and data acquisition. Available options include single frequency operation, linearly polarized operation.

Key Features

- Turnkey device
- RS232 computer interface
- High output power
- Single mode fiber delivery
- Highly reliability
- Two year warranty



Standard YDLS Specifications

	AYDLS-1	AYDLS-5	AYDLS-10
Output Power	> 1W	> 5W	> 10W
Center Wavelength	1064nm typical (also available from 1060 to 1090nm)		
Laser Linewidth	< 0.2nm		
Output Isolation	> 30dB		
M ²	< 1.2		
Control Mode	ACC (standard)		

* Other output power models are available upon request

General Environmental Parameters

Parameter	Unit	Specification
Operation Temperature Range	°C	0 to +40
Storage Temperature Range	°C	-10 to +70
Power Supply	VAC	90 – 240, 47 – 63Hz
Dimensions	mm	260(W) x 330(L) x120(H)
Control	-	Keylock switch, optical output power
LCD Display	-	Output power, Pump laser current
Computer Interface	-	RS232 (Labview control software & connection cable Included) / Ethernet (Option)
Protection	-	Pump laser over heat warning
Optical Connector	-	FC/APC, FC/UPC, SC/APC, SC/UPC
Optical Fiber	-	HI 1060

Option:

- Linear polarized
- APC or AGC Control Mode
- Input power Monitoring
- Benchtop or 2U 19" Rackmount Housing

**Ordering Information**

Product Code	AYDFA- www-xx-y-zz	www : Wavelength in nm xx : Output Power in W y : B for Benchtop case, R for 19" Rackmount case zz : FA for FC/APC, FC for FC/UPC SA for SC/APC, SC for SC/UPC
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Amonics undertakes a continuous and intensive product development to ensure its products perform to highest technical standards. As a result, the specifications in this document are subject to change without notice.

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