



ISO 9001 : 2008
Certificate No.: CC 5346

Applications

- Pump Sources
- Component Test & Characterization
- Optical Spectroscopy



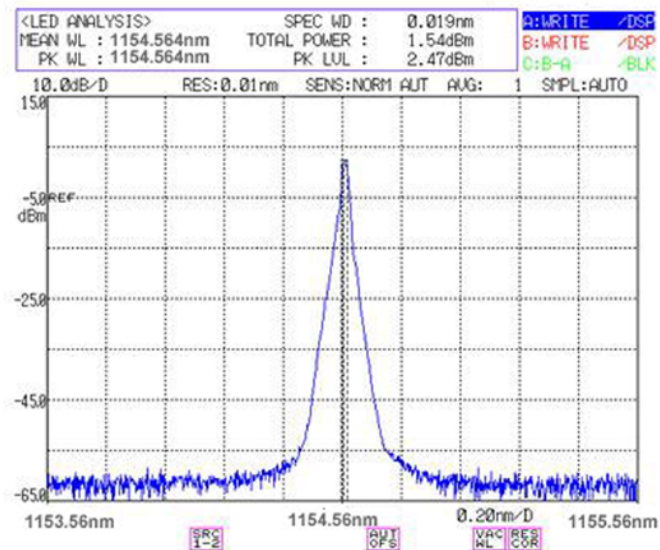
Description

Amonics' high power Raman Fiber Laser is the perfect solution for applications with a high channel count and long spans, such as remote pump source for submarine transmission systems to deliver high power at a wavelength in the range between 1100nm and 1650nm.

It is also a very useful tool for testing and characterization of active and passive components in the wavelength range of 1100nm to 1650nm.

Key Features

- Turnkey operation
- High output power
- Linear or random polarized output
- RS232 or TCP/IP computer interface
- Highly reliable and durable
- No water cooling



Specifications

	ARA-xxxx-01	ARA-xxxx-05	ARA-xxxx-10
Laser Output power	Min. 1W	Min. 5W	Min. 10W
Laser Wavelength	1100 to 1650		
Laser Linewidth	Typ. 1.0nm, Max. 2.5nm		
Beam Quality M ²	Typ. 1.1, Max. 1.2		
Polarization	Random or Linear		
Output Power Tunability	10% to 100%		
Control Mode	ACC		

* Other output power models are available upon request

General Parameters

Parameters	Unit	Specifications
Operation Temperature	°C	0 to +40
Storage Temperature	°C	-10 to +70
Power Supply	VAC	90 – 240, 47 – 63Hz
Dimensions	mm	485(W) x 515(D) x 90(H)
Mechanical Safety Control	-	Key-lock switch, BNC interlock key
Optical Power Monitoring	-	Output power
Remote Control Port	-	DB-9 female (RS232), LabView control software included RJ-45 (TCP/IP Ethernet) (optional)
Protection	-	Pump laser (TEC) overheat
Optical Termination	-	Collimator pigtail, FC/APC, FC/UPC, SC/APC, SC/UPC
Optical Fiber	-	Single mode fiber



Ordering Information

Product Code	ARA-vv-wwww-xx-y-zz	vv: Default (or unspecified) for single mode, PM for polarization maintaining www: Wavelength in nm xx: Output power in W y: M for Module, R for 19" Rackmount zz: FA for FC/APC, FC for FC/UPC SA for SC/APC, SC for SC/UPC
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Amonics undertakes continuous and intensive product development to ensure its product performance at the highest technical standards. As a result, the specifications in this document are subject to change without notice.
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