



Applications

- Pump Sources
- Component Test & Characterization
- Optical Spectroscopy



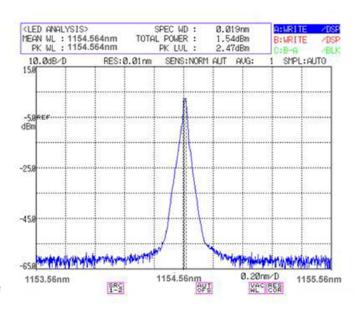
Description

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.



- 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-	polarization n wwww: Wav xx: Output p y: M for Mo zz: FA for Fo	elength in nm
----------------------	---	---------------

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.

Amonics Limited. 14/F, Lee King Industrial Building, 12 Ng Fong Street, San Po Kong, Kowloon, Hong Kong

Beijing Amonics Co. Ltd. Room 902, Unit 1, No.99 Chaoyang North Road, Beijing China 100025 Email: contact@amonics.com Website: www.amonics.com HK Tel: +852 2428 9723 HK Fax: +852 2428 9704 Beijing Tel: +86 10 84783380 Beijing Tel: +86 10 84783386



Beijing Fax: +86 10 84783396