



Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

*InstraView*SM REMOTE INSPECTION

Remotely inspect equipment before purchasing with our interactive website at www.instraview.com ↗

WE BUY USED EQUIPMENT

Sell your excess, underutilized, and idle used equipment. We also offer credit for buy-backs and trade-ins. www.artisanng.com/WeBuyEquipment ↗

LOOKING FOR MORE INFORMATION?

Visit us on the web at www.artisanng.com ↗ for more information on price quotations, drivers, technical specifications, manuals, and documentation

Contact us: (888) 88-SOURCE | sales@artisanng.com | www.artisanng.com

BWC-ASE

White Light Test Source



BWC-ASE series white light test source produces amplified spontaneous emission (ASE) in the range of 1520 to 1570, 1520 to 1620, and other custom wavelength with a high spectral power density. It is constructed from a special doped fiber, resulting wavelength and power stability.

Highlights

- Covering C and C+L bands: 1520-1570 or 1520-1620nm
- Custom wavelength band available
- Highly stabilized optical output power
- Compact and rugged design
- Various fiber optic connector options
- Best performance/cost ratio

Typical Applications

- Passive WDM component testing
- Sensor instrument
- Optical Coherence Tomography
- Near-Infrared Spectroscopy

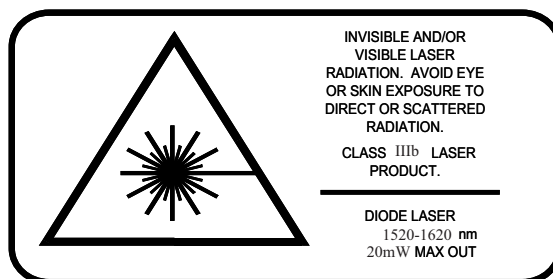
BWC-ASE

White Light Test Source

Typical Specifications

Optical		
	-ASE-1	-ASE-2
Wavelength (nm)	1520-1570	1520-1620
Power Output (total) ¹	> +10 dBm (> +5 dBm with gain flattening option)	
Spectral Density (typical)	>-20 dBm/nm for 1525-1565nm (>-23 dBm/nm with gain flattening option)	>-20 dBm/nm for 1525-1610nm (>-23 dBm/nm with gain flattening option)
Gain Flatness	+/-1.0 dB (with gain flattening option)	
Power Stability ²	+/-0.1 dB (over 8hrs)	
Dependence of Polarization (DOP)	2-5%	
Fiber Type	Corning SMF-28	
Fiber Output	FC/APC	
Electronic		
Input Power	100-240 VAC @ 1Amp	
Mechanical		
Physical Dimensions	155mm (w) x89mm (h) x255mm (d)	
Cooling	Internal Thermal Electric Cooler	
Weight	5 lbs	
Environmental		
Ambient Temperature	10 to 35°C	
Storage Temperature	-10 to 50°C	

1. Custom option of higher power output up to 20mW available
2. Measurement after 1 hour stabilization at 23+/-0.5°C ambient



DISCLAIMER:

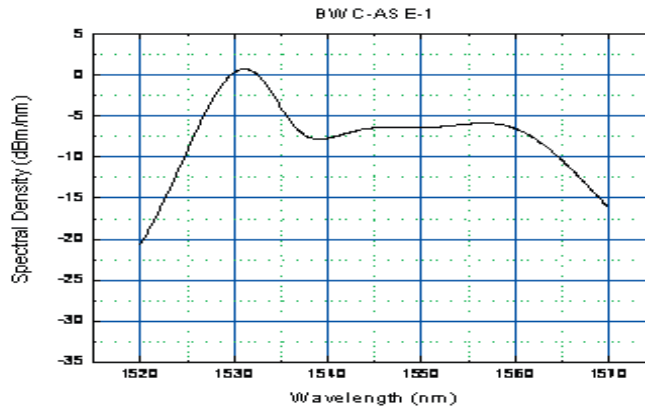
This product complies with the requirements with Federal Regulations CDRH 21 CFR 1040.10. This laser is intended for scientific and industrial applications only and is not for use as a medical device.



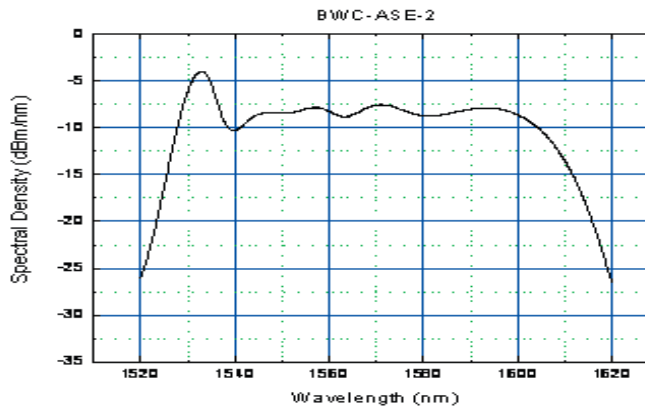
19 Shea Way, Newark, DE 19713, USA · Web: www.bwtek.com
 Tel: (302) 368-7824 · Fax: (302) 368-7830 · E-mail: info@bwtek.com

Spectral Emission Curves

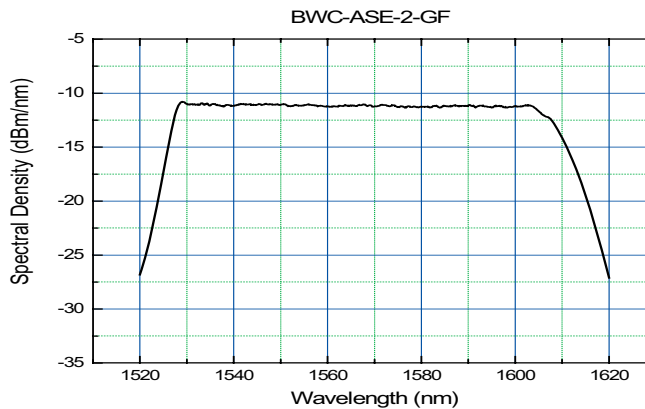
BWC-ASE1



BWC-ASE2



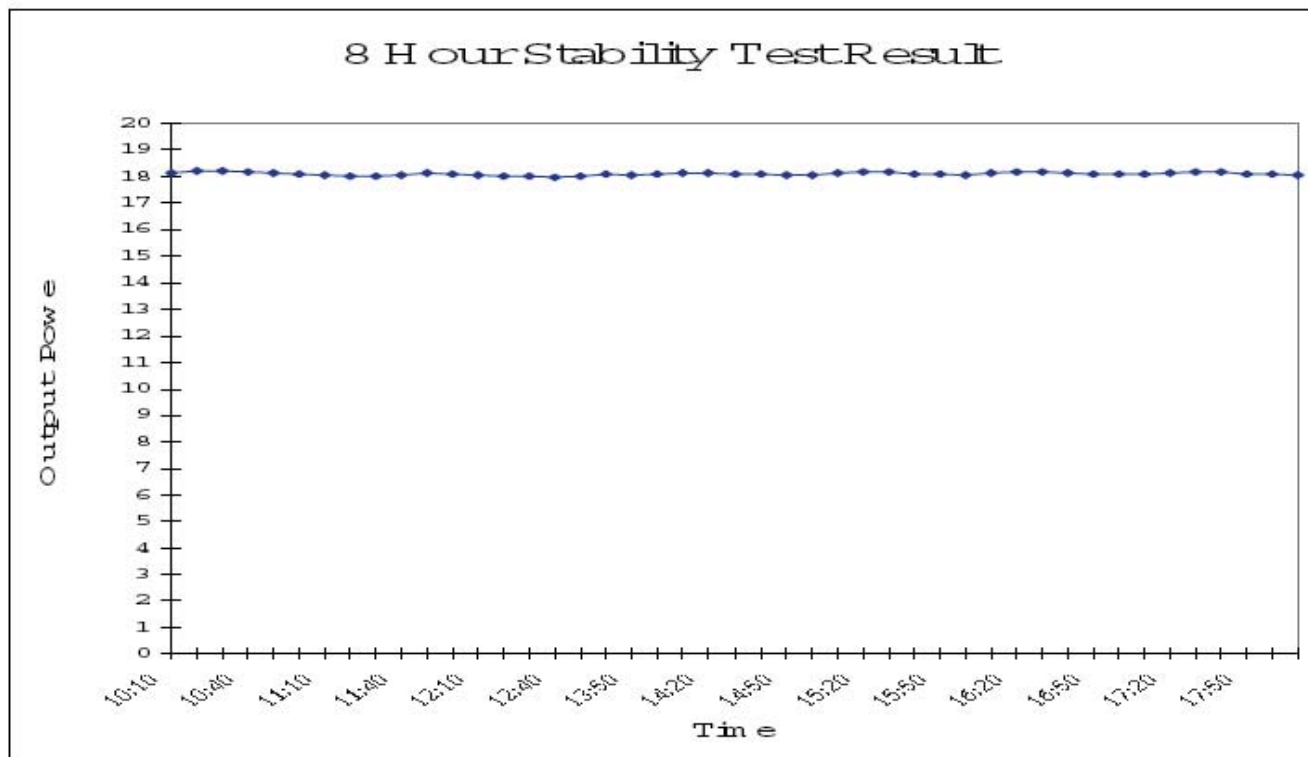
BWC-ASE2-GF



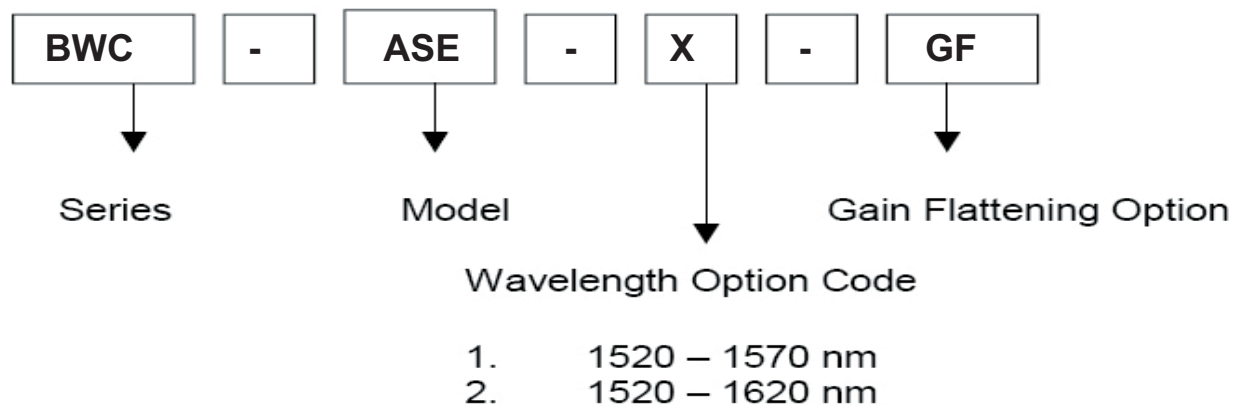
BWC-ASE

White Light Test Source

Typical Stability Performance



Ordering Information





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