



FiberLAST®

Özgün Teknoloji Yerli Üretim

ASE (Amplified Spontaneous Emission) Light Source

This state-of-the-art ASE Laser Source has a proprietary design by FiberLAST.

This ASE Laser Source designed and produced as a benchtop equipment that simplify the usage in research and development laboratories, production lines and manufacturing testing. It has a broad wavelength range and high output power stability. It can be provided in most common wavelength regions like C, L and C+L bands.

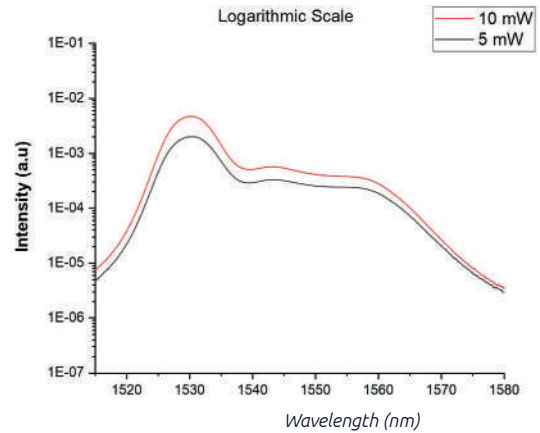
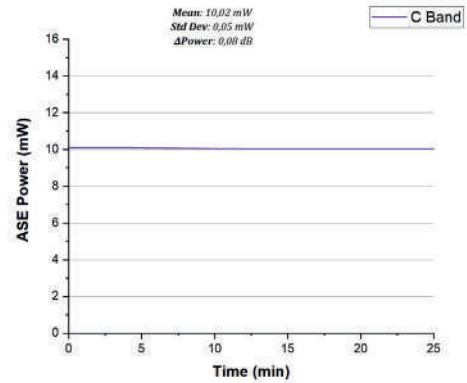
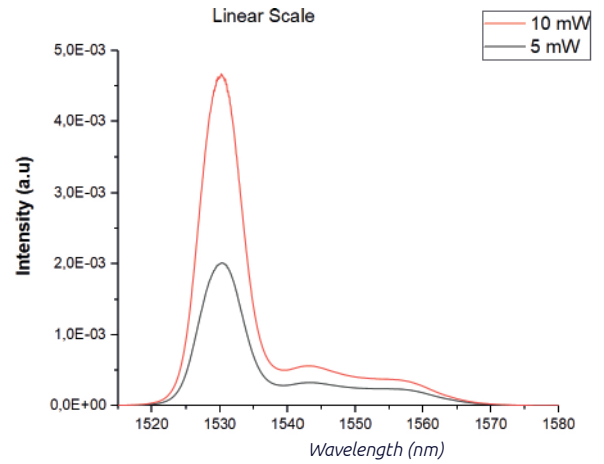
ASE Laser Sources are widely used in Telecom applications, research, WDM test systems and sensing applications.

APPLICATIONS

- WDM test systems
- EDFA qualification & testing
- Communication applications
- DWDM, CWDM optic networks
- Sensing applications
- Optical component spectral tests
- Scientific applications

FEATURES

- Broad wavelength spectrum
- Excellent output power stability
- Low noise
- Touchscreen display
- LED panel indicators
- BITE (Build-in test)
- USB control interface and logging (opt)





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Technical Specifications

Product	C	L	C+L
Wavelength range	1525-1565 nm	1560-1605 nm	1520-1605 nm
Frequency band	196,59-191,56 THz	190,95-186,79 THz	192,17-186,79 THz
Output power fluctuation	≤0,08 dB		
Warm-up time	≤ 1 min		
Output power	≥30 mW (15 dBm) (up to 100 mW)	≥20 mW (13 dBm)	≥50 mW (17 dBm)
Power Scale	%10 - %100 (20 dB VOA option available)		
Output connector	FC/APC (LC/PC – SC/PC optionally available)		

Electrical Specifications

Supply	220 VAC, 50 Hz
Power consumption	≤ 20 W

Mechanical Specifications

Dimensions	200 x 120 x 250 mm (Benchtop) OEM module and rackmount versions are also available
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Environmental Specifications

Operating temperature	0 / +55 °C
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