

# Broadband ASE Source

## CLS-561

**FIBERPRO** CLS-561 series, high power ASE sources that offer stable output power up to 23dBm, provide stable and broad spectrum over C band, L band or C+L band. It enables effective and efficient measurement required for passive optical devices for DWDM application, such as Fiber Bragg Gratings, MUX/DEMUX, Isolator, Filters, Couplers, etc. They can be also useful in improving the component quality and performance.

CLS-561 series also provide easy-to-use manipulations for control and monitoring their performances.

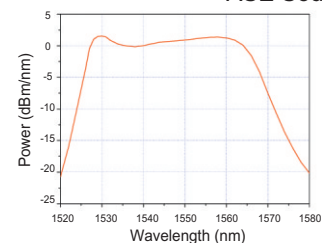


### Key Features

- High output power
- Stable spectral output power
- Wide wavelength range (C,L,C+L band)
- Isolated output
- RS232 Remote interface
- Easy operation
- Compact size
- Flattened output

### Applications

- DWDM components spectral test
- Optical components tests
- Optical fiber characterization
- System compliance tests
- Optical measurement system
- Optical sensors



## Optical Specifications

Parameters	C Band	L Band	C+L Band
Wavelength Range	1528nm ~ 1563nm	1565nm ~ 1608nm	1528nm ~ 1603nm
Total Output Power <sup>(1)</sup>	Max. 23 dBm	Max. 23 dBm	Max. 20 dBm
Output Power Stability <sup>(2)</sup>	0.02 dB		
Spectral Power Stability <sup>(3)</sup>	0.1 dB		
Spectrum Flatness <sup>(4), (5)</sup>	2 dB		
Output Isolation	30 dB		
Connector Type	FC/PC, FC/APC, SC/PC, SC/APC		

- 1) When GFF is NOT included
- 2) @23°C ± 3°C, after 1hour warming up
- 3) @23°C ± 3°C, after 1hour warming up
- 4) @Output : 12~23 dBm
- 5) When GFF is included

## Electrical/Physical/Environmental Specifications

Interface	RS232
Power Supply	AC110 ~ 220V
Power Consumption	20 W
Operating Temperature	10 ~ 40 °C
Storage Temperature	-40 ~ 85 °C
Storage Humidity	0 ~ 95% R.H
Dimensions (H × W × D)	8.5cm × 21cm × 35cm

