

Broadband ASE Source

CLS-561

FIBERPRO CLS-561, high power ASE source that offer stable output power up to 23dBm, provides 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. It 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.

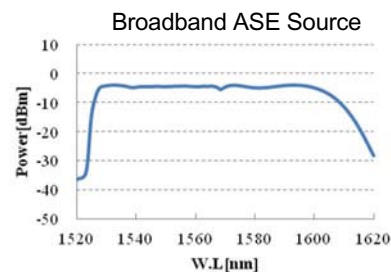


Applications

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

Features

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



Optical Specifications

Parameters	C Band	L Band	C+L Band
Wavelength Range	1528nm ~ 1563nm	1565nm ~ 1608nm	1528nm ~ 1603nm
Total Output Power ⁽¹⁾	Max. 23 dBm	Max. 23 dBm	Max. 21 dBm
Output Power Stability ⁽²⁾	0.02 dB		
Spectral Power Stability ⁽³⁾	0.2 dB		
Spectrum Flatness ^{(4), (5)}	3 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	AC100 ~ 240V
Power Consumption	20 VA
Operating Temperature	10 ~ 40 °C
Storage Temperature	-40 ~ 85 °C
Storage Humidity	0 ~ 90%
Dimensions (W x D x H)	234mm x 450mm x 108mm (With rubber cover)
	212mm x 420mm x 86mm (Without rubber cover)

Ordering Code

CLS-561 - (1) - (2) - (3) - (4)

1. Gain Flattening Filter ➔ GFF included (F), GFF NOT included (X)
2. Band ➔ C band (C), L band (L), C+L band (F)
3. Output power ➔ 15dBm (15), 18dBm (18), 21dBm (21), 23dBm (23)
4. Connector type ➔ FC/PC (F/P), FC/APC (F/A), SC/PC (S/P), SC/APC (S/A)

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