

Model Number: **ASE-CLO-RS-20-2-FCA**

Product Code: **1102**

Micro Processor Controlled

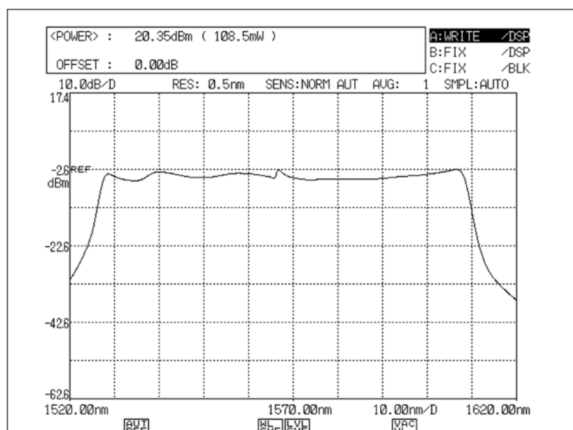
Amplified Spontaneous Emission Source



ASE source has only one optical cable

Specifications:

Parameters	Specifications
Wavelength Range	1530 – 1605nm
Spectral Flattening Filter	Included
Output Power	+20 dBm total, +17 dBm in C-band, +17 dBm in L-band
Optical Spectra Flatness	≤ 2 dB 1530 – 1563nm, ≤ 2 dB 1570 – 1603 nm
Optical Output Fiber	900um loose tube, FC/APC, red, 1 meter, SMF-28
Output Power Monitoring Range	+10 to +21 dBm
Output Power Measurement Accuracy	≤ +/- 0.3 dB, combined optical output power 1530 – 1605 nm
Polarization Dependence of Output Power	≤ 0.3 dB
Control and Communication Interface	RS-232, RS-232 Voltage Level
Dimension	180 x 125 x 35 mm
Power Input	+5 VDC +/- 5%
Electrical Interface Connector	PN: MD25M2000/AA, 25-PIN
Operational Case Temperature Range	0 to +65 °C
Mode of Operation	ACC (constant pump current control)



Typical Optical Spectra of ASE Output, +25°C Case Temperature

Electrical connector:

Part number: MD25M2000/AA

Pin No.	Description	Pin No.	Description
1	+5Vin	14	GROUND
2	GROUND	15	TRIGGER INPUT
3	FAN CONTROL	16	POWER ON
4	SERIAL DATA TRANSMIT	17	LASER ON
5	SERIAL DATA RECEIVE	18	ALARM SIGNAL
6	CUST.ENABLE SIGNAL (ACTIVE LOW)	19	+5Vin
7	INPUT POWER ALARM	20	GROUND
8	OUTPUT POWER ALARM	21	+5Vin
9	PUMP TEMP ALARM	22	GROUND
10	PUMP BIAS ALARM	23	DOWNLOAD
11	CASE TEMP ALARM	24	RESET
12	+5Vin	25	GROUND
13	GROUND		

