

Model Number: ASE-06-RS-10-FCA

Product Code: 1305

Micro Processor Controlled



**Specifications:**


| Parameters                              | Specifications                                  |
|---|---|
| Wavelength Range                        | 1020 – 1080 nm typical                          |
| Gain Flattening Filter                  | Not included                                    |
| Output Power                            | 10 dBm at 1064 nm                               |
| Optical Output Fiber                    | 900um loose tube, FC/APC, red, 1 meter, HI-1060 |
| Output Power Monitoring Range           | 0 to +11 dBm                                    |
| Output Power Measurement Accuracy       | ≤ +/- 0.5 dB, 1060 nm                           |
| Polarization Dependence of Output Power | ≤ 0.3 dB  |
| Control and Communication Interface     | RS-232, RS-232 voltage level                    |
| Output Optical Isolator                 | Included  |
| Dimension                               | 125 x 115 x 17 mm                               |
| Power Input                             | +5 VDC +/- 5%                                   |
| Electrical Interface Connector          | PN: 5102159-6                                   |
| Operational Case Temperature Range      | 0 to +65°C                                      |
| Mode of Operation                       | ACC (constant pump current control)             |

**Electrical connector:**

Part number: 5102159-6

| Pin No. | Description          | Pin No. | Description              |
|---------|----------------------|---------|--------------------------|
| 1       | +5 V Vin             | 14      | GROUND                   |
| 2       | +5 V Vin             | 15      | GROUND                   |
| 3       | +5 V Vin             | 16      | GROUND                   |
| 4       | +5 V Vin             | 17      | GROUND                   |
| 5       | OUTPUT POWER MONITOR | 18      | RS232 TRANSMIT           |
| 6       | INPUT POWER MONITOR  | 19      | LASER TEMP ALARM         |
| 7       | CASE TEMP ALARM      | 20      | LASER CURRENT MONITOR    |
| 8       | LASER CURRENT ALARM  | 21      | AMPLIFIER ENABLE/DISABLE |
| 9       | SERIAL DATA LINE     | 22      | RS232 RECEIVE            |
| 10      | SERIAL CLOCK         | 23      | VOLTAGE REFERENCE OUTPUT |
| 11      | ANALOG CONTROL INPUT | 24      | +5 V Vin                 |
| 12      | +5 V Vin             | 25      | GROUND                   |
| 13      | GROUND               | 26      | GROUND                   |

*Ordering Information:*



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