

H-MSA EDFA Module

H-MSA EDFA module is a kind of signal optical amplifier designed for DWDM transmission system with compact size, which can be integrated into EDFA card or sub rack flexibly. The control mode is ACC/APC/AGC. The high-reliability components and temperature controlling technique ensure the product excellent thermal performance under a wide temperature range.

Characteristics

- Compact size
- Wide operating bandwidth
- Low noise figure
- High stability and reliability
- Customized

Applications

- Metro network and optical access network
- DWDM transmission system
- 40G/100G/200G system



Specifications

Product Type	ERA-M-C-GB/H-XX/XX-1-1/1 *①		
Parameters	Minimum	Typical	Maximum
Wavelength (nm)	1529.55	-	1563.86
Input Power (dBm)	-20	-	-4
Output Power (dBm)	0	-	20
Gain (dB)	-	25	-
Noise Figure (dB)	-	5	6
Gain Flatness (dB)	-	1	1.5
Return Loss (dB)	-	-	-45
Polarization Dependent Gain (dB)	-	-	0.5
Polarization Mode Dispersion (ps)	-	-	0.5
Operating Temperature (°C)	-5	-	55
Storage Temperature (°C)	-40	-	85
Power Supply (V)	4.75	5.00	5.25
Power Consumption (W)	-	-	10
Communication Protocol	RS232		
Electrical Connector	12 pins		
Optical Connector	LC/UPC or customized		
Pigtail Length (cm)	> 50		
Dimensions (mm)	70(L)×40(W)×8.5(H)		

*①ERA-M-C-GB/H-XX/XX-1-1/1, the first XX means output power, and the second XX means gain