

Mini EDFA Module

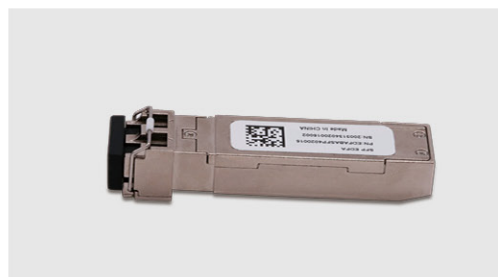
The Mini EDFA module is a single-channel or narrow-band signal amplifier module specially designed for the telecom market. The module offers XFP or QSFP compact package, which supports up to 21 dB gain and 15 dBm output power. The control mode is ACC/APC.

Characteristics

- ACC/APC control mode
- Ultra compact structure, ultra low loss
- High stability and reliability
- Customized

Applications

- Telecom or datacom
- CATV or SDH system



Specifications

Product Type	ERA-S-C-SFP-XX/XX-6-1/6 *①		
Parameters	Minimum	Typical	Maximum
Wavelength (nm)	1530	-	1560
Input Power (dBm)	-6	-	6
Output Power (dBm)	-	12	15
Gain (dB)	-	20	-
Noise Figure (dB)	0	6	7
Return Loss (dB)	-	-45	-
Operating Temperature (°C)	-5	-	55
Storage Temperature (°C)	-40	-	85
Power Supply (V)	3.14	3.30	3.47
Power Consumption (W)	-	2.5	3.5
Optical Connector	LC/UPC receptacle or Customized		
Dimensions (mm)	QSFP, XFP footprint		

*① ERA-S-C-SFP-XX/XX-6-1/6, the first XX means output gain, and the second XX means gain