

PRODUCT INTRODUCTION

Mini EDFA



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.

Features

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

Applications

- Telecom or datacom
- CATV or SDH system

Parameters

Specifications

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
Supply voltage (V)	3.14	3.30	3.47
Power consumption (W)	--	2.5	3.5
Optical interface type	LC/UPC or Customizable		
Dimension (mm)	QSFP, XFP footprint		

*① ERA-S-C-SFP-XX/XX-6-1/6, where XX/XX represent output power and gain respectively.