

PRODUCT INTRODUCTION

MSA EDFA

Maintain the complete waveform when amplifying signal, and support AGC, APC or ACC operation mode. It adopts high-reliability temperature controlling technique to ensure that the product has good thermal performance under a wide temperature range.



+ Features

- Complete waveform maintained
- ACC/APC/AGC operation mode
- Low noise figure and power consumption
- High stability and reliability
- Customizable

+ Applications

- DWDM
- Hydrophone system
- Universities, research institutes

+ Parameters

Specifications

Parameters	Minimum	Typical	Maximum
Wavelength (nm)	1528.77	-	1565.05
Input power (dBm)	-30	-	5
Output power (dBm)	0	-	20
Gain (dB)	0	-	30
Gain flatness (dB)	-	1	1.5
Noise figure (dB)	-	5.5 (@typical value)	6
Return loss (dB)	-	≤-45	-
Operating temperature (°C)	0	-	75
Storage temperature (°C)	-40	-	85
Supply voltage (V)	11.4	12	12.6
Power consumption (W)	-	-	30
Communication interface	RS232/485		
Electrical connector	TEM-115-02-03.0-FG-D-L1 (Customizable)		
Optical interface type	LC/SC/FC		
Pigtail length (cm)	100±2		
Dimension (mm)	90(L)x70(W)x15(H)		