

Erbium Doped Fiber Amplifier (EDFA-MD) Series Gain Block

EDFA-MD optical gain block series are specifically designed for single wavelength optical transmission system. It can be integrated to be EDFA plate or rack mount customer's requirements. The products meet the Telcordia GR-1312-CORE.

Feature:

- Flexible monitoring interface

Applications:

- Optical transmission system

Specifications:

Parameter	Unit	Min.	Typ.	Max.
Operation wavelength	nm	1530		1565
Output optical power	dBm		15	
Optical gain	dB		25	
Noise figure	dB		5	
Input return loss	dB		50	
Output return loss	dB		50	
Polarization dependent gain(PDG)	dB			0.3
Operation Voltage	DCV		+5	
Operation temperature	°C	0		50
Storage temperature	°C	-25		70
Dimension	mm ³	150×124×20		
Electric interface		DB25 (male)		

Input/Output	no connector, FC/PC, FC/APC, SC/PC, SC/APC, LC/PC, MU/PC, customer specify
Output optical power	15dBm or Customer specify (BA, LA)
Rated gain	25dB or customer specify (LA)
Type	B: Booster amplifier, L: Line amplifier, P: Pre-amplifier