

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

EDFA-GS optical gain block series are specifically designed for single wavelength optical transmission system. They can be flexibly controlled according to signal status and customer's requirements. The products meet the Telcordia GR-1312-CORE.

Features:

- High reliability
- Small size and easy to be installed

Applications:

- Optical transmission system
- Long haul, Metro and Access system

Specifications:

Parameter	Unit	Min.	Typ.	Max.
Operation wavelength	nm	1530		1565
Output optical power	dBm		15	
Optical gain	dB		25	
Noise figure	dB		5.0	
Input return loss	dB		50	
Output return loss	dB		50	
Polarization dependent gain(PDG)	dB			0.3
Operation temperature	°C	0		60
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, Customer specify (BA, LA)
Rated gain	25dB, customer specify(LA)
Type	B: Booster amplifier, L: Line amplifier, P: Pre-amplifier