



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

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

Features :

- Excellent gain flatness.
- High reliability

Applications :

- DWDM system

Specifications:

Parameter	Unit	Min.	Typ.	Max.
Operation wavelength	nm	1529		1562
Output optical power	dBm		17	
Optical gain	dB		25	
Gain flatness	dB		1	1.5
Noise figure	dB		5	
Input return loss	dB		50	
Output return loss	dB		50	
Polarization dependent gain(PDG)	dB			0.3
Operation voltage	V		5	
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
Rated gain	25dB, customer specify
Operation wavelength	16: 1545~1561nm, 32: 1535~1561nm, 40: 1529~1562nm, other: customer specify
Type	B : Booster amplifier, L: Line amplifier, P: Pre-amplifier