

## Erbium Doped Fiber Amplifier (EDFA-MW) 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	DCV		+5	
Operation temperature	°C	0		50
Storage temperature	°C	-25		70
Dimension	mm <sup>3</sup>	150×124×20		
Electric interface		DB25 (male)		

Input/output	No connector, FC/APC, FC/PC, SC/PC, SC/APC, LC/PC, MU/PC, or 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