

## Erbium Doped Fiber Amplifier (EDFA-GM) Series Gain Block

EDFA-GM optical gain block series are specifically designed for metro 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
- Compact package

### Applications:

- Metro system
- Access network

### Specifications:

Parameter	Unit	Min.	Typ.	Max.
Operation wavelength	nm	1530		1565
Output optical power	dBm		10	
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 <sup>3</sup>	99×61×13		
Electric interface		DB25 (male)		

Input/Output	no connector, FC/PC, FC/APC, SC/PC, SC/APC, LC/PC, MU/PC, customer specify
Detector	no detector, with I/O PIN, or High output return loss I/O PIN
Output optical power	10:10dBm, Customer specify (BA, LA)
Rated gain	25:25dB, customer specify (LA)
Type	B: Booster amplifier, L: Line amplifier, P: Pre-amplifier