

EDFA-GW Gain Block Series

**MAKE YOUR
OPTICAL NETWORKS
MORE RELIABLE**



EDFA-GW series are designed for DWDM transmission systems, and can be integrated into EDFA card or sub rack according to customer's application requirements.

The products are Telcordia GR-1312-CORE qualified, and RoHS compliant.

Features

- High output optical power with low noise figure
- Wide operating wavelength range with excellence gain flatness performance
- High reliability
- Easy installation and maintenance

Applications

- Long Haul/Metro Networks

Specifications

Parameter	Unit	Value								
		BA			LA			PA		
		Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.
Operation Wavelength	nm	1528		1562	1528		1562	1528		1562
Output Power	dBm		17			17			13	
Optical Gain	dB		25			25			25	
Gain Flatness	dB		0.6	1.5		0.6	1.5		0.6	1.5
Noise Figure	dB	Typ.5.0								
Input /Output return loss	dB	Typ. 45/45								
Polarization Dependent Gain	dB	Max. 0.3								
Power Consumption	W	Max. 10								
Operation Temperature	°C	-5~+55								
Storage Temperature	°C	-25~+70								
Package	mm	90×70×12								

Ordering information

EDFA	—	GW	—	BA	—		—		—		—		—		—	
Operation Wavelength							Rated Gain		Output Power		Fiber Dia.		Fiber Length		Connector	
16:1545nm-1561nm、32:1535nm-1561nm、40:1528nm-1562nm、other: customer specify							25:25dB customer specify		17:17dBm customer specify		09: Φ0.9mm		1:1m customer specify		FC,SC,LC,MU/ PC,UPC,APC	

EDFA	—	GW	—	LA	—		—		—		—		—		—	
Operation Wavelength				Rated Gain		Output Power		Fiber Dia.		Fiber Length		Connector				
16:1545nm-1561nm、32:1535nm-1561nm、40:1528nm-1562nm、other: customer specify				25:25dB customer specify		17:17dBm customer specify		09: Φ0.9mm		1:1m customer specify		FC,SC,LC,MU/ PC,UPC,APC				

EDFA	—	GW	—	PA	—		—		—		—		—		—	
Operation Wavelength				Rated Gain		Output Power		Fiber Dia.		Fiber Length		Connector				
40:1528nm-1562nm、other: customer specify				25:25dB customer specify		13:13dBm customer specify		09: Φ 0.9mm		1:1m customer specify		FC,SC,LC,MU/ PC,UPC,APC				