EDFA -GW Gain Block Series

ACCELINK TECHNOLOGIES CO.,LTD.

EDFA-GW optical gain block series are specifically designed for DWDM transmission system. They can be flexibly integrated into EDFA card or rack mount according to customers requirements.
The products are Telcordia GR-1312-CORE qualified.

Features

- Excellent gain flatness
- High reliability

Applications

- DWDM system

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								
Input /Output return loss	dB	Typ. 50/50								
Polarization dependent gain	dB	Max. 0.3								
Power consumption	W	2 (uncooled pump laser), 6 (cooled pump laser)								
Operation temperature	℃	0~50								
Storage temperature	℃	-25~+70								
Package	mm	120×100×24								

Ordering information

EDFA — GW — BA — □ — □ — □ — □

15:15dBm customer specify	09:Φ0.9mm	1:1.0m customer specify	FC,SC,LC,MU/ PC,UPC,APC
Output power	Fiber Dia.	Fiber length	Connector

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25:25dB customer specify	15:15dBm customer specify	09:Φ0.9mm	1:1.0m customer specify	FC,SC,LC,MU/ PC,UPC,APC
Rated gain	Output power	Fiber Dia.	Fiber length	Connector

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16:1545~1561nm、 32:1535~1561nm、 40:1528~1562nm、 other:customer specify	25:25dB customer specify	13:13dBm customer specify	09:Φ0.9mm	1:1.0m customer specify	FC,SC,LC,MU/PC,UPC,APC
Operation wavelength	Rated gain	Output power	Fiber Dia.	Fiber length	Connector