EDFA-GC Gain Block Series

ACCELINK TECHNOLOGIES CO.,LTD.

Accelink's EDFA-GC optical gain block series are specially designed for single-channel amplification with compact size. This module can be optimised for pre, line or booster amplification over a wide operation range.

The products are Telcordia GR-1312-CORE qualified.

Features

- High reliability
- Compact package
- Wide operation temperature

Applicatoins

- Long-haul. Metro and Access network

Specifications

Parameter	Unit	Value								
		BA			LA			PA		
		Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.
Operation wavelength	nm	1530		1565	1530		1565	Refer to the ordering information		
Optical gain	dB		-			25			20	
Input power	dBm		0						-35	
Output power	dBm		13			10			-	
Noise figure	dB		5.0			5.0			4.0	
Polarization dependent gain	dB	Max. 0.5								
Polarization mode dispersion	ps	Max. 0.5								
Power consumption	W	2 (uncooled pump laser), 6 (cooled pump laser)								
Operation temperature	°C	-5~+65								
Storage temperature	°C	-20~+70								
Package	mm	90×70×12								

Ordering information

EDFA — GC — BA — □ — □ — □ — □

13:13dBm 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	10:10dBm 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

EDFA — GC — PA — □ — □ — □ — □ — □ — □

20:20dB customer specify	1:1550.12nm 2:1550.92nm	Fixed filter: 04:0.4nm 08:0.8nm	09:Φ0.9mm	1:1.0m customer specify	FC,SC,LC,MU/PC,UPC,APC
Rated gain	Fited filter central wavelength	Passband width	Fiber Dia.	Fiber length	Connector