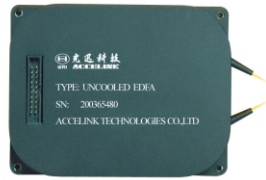


EDFA -MC Gain Module Series

ACCELINK TECHNOLOGIES CO.,LTD.



The EDFA-MC module series are specially designed for single channel system. With all the optical and electronic/micro-processor functions built in, the EDFA-MC series offer superior performance with high output power, low noise figure, small power consumption and excellent stable characteristics. The products are Telcordia GR-1312-CORE qualified.

Features

- Compact package
- Wide operating temperature range

Applications

- Access networks
- Metro networks

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		
Input optical power	dBm	-6		3	-10		-40	-30		
Output optical power	dBm	8		18	15					
Optical gain					25			20		
Noise figure	dB		5.0		5.0			4.5		
Input / Output return loss	dB	Typ. 50 / 50								
Polarization dependent gain	dB	Max. 0.3								
Operation voltage	V	3.3±0.3								
Power consumption	W	2 (uncooled pump laser), 6 (cooled pump laser)								
Operation temperature	°C	0~60								
Storage temperature	°C	-25~+70								
Package	mm	90×70×15								

Ordering information

EDFA — MC — BA — [] — [] — [] — []				EDFA — MC — LA — [] — [] — [] — [] — []				
Output power	Fiber Dia.	Fiber length	Connector	Rated gain	Output power	Fiber Dia.	Fiber length	Connector
15:15dBm customer specify	09:Φ0.9mm	1:1.0m customer specify	FC,SC,LC,MU/PC,UPC,APC	25:25dB customer specify	15:15dBm customer specify	09:Φ0.9mm	1:1.0m customer specify	FC,SC,LC,MU/PC,UPC,APC
EDFA — MC — PA — [] — [] — [] — [] — [] — []								
Rated gain	Fited filter Central wavelength	Passband width	Fiber Dia.	Fiber length	Connector			
25:25dB 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			