



EDFA-MD optical-electric module series are designed for single wavelength optical transmission system. It can be integrated into EDFA card or rackmount according to customer's requirements. The products are Telcordia GR-1312-CORE qualified.

Features

- Flexible monitoring interface
- Compact and Easy to be installed

Applications

- Long haul, Metro and Access networks
- PDH/SDH system

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			4.0		
Input /Output return loss	dB	Typ. 50/50								
Polarization dependent gain	dB	Max. 0.3								
Operation voltage	V	Typ. 5								
Power consumption	W	Max. 15								
Operation temperature	°C	0~50								
Storage temperature	°C	-25~+70								
Package	mm	150×125×20								
Electric interface		DB25(male)								

Ordering information

EDFA — MD — BA — <input type="text"/>	—	<input type="text"/>	—	<input type="text"/>	—	<input type="text"/>	—	<input type="text"/>	—	<input type="text"/>
15:15dBm customer specify Output power		09:Φ0.9mm Fiber Dia.		1:1.0m customer specify Fiber length		FC,SC,LC,MU/PC,UPC,APC Connector				
EDFA — MD — LA — <input type="text"/>	—	<input type="text"/>	—	<input type="text"/>	—	<input type="text"/>	—	<input type="text"/>	—	<input type="text"/>
25:25dB customer specify Rated gain		15:15dBm customer specify Output power		09:Φ0.9mm Fiber Dia.		1:1.0m customer specify Fiber length		FC,SC,LC,MU/ PC,UPC,APC Connector		
EDFA — MD — PA — <input type="text"/>	—	<input type="text"/>	—	<input type="text"/>	—	<input type="text"/>	—	<input type="text"/>	—	<input type="text"/>
25:25dB customer specify Rated gain		1:1550.12nm 2:1550.92nm Fixed filter central wavelength		Fixed filter: 04:0.4nm 08:0.8nm Passband width		09:Φ0.9mm Fiber Dia.		1:1.0m customer specify Fiber length		FC,SC,LC,MU/ PC,UPC,APC Connector