

EDFA Multi-Channel Gain Module Series



Product Introduction

EDFA-MW/MC series are specially designed for DWDM transmission system, and can be integrated into EDFA card or sub rack according to customer's application requirements. The MW series are normal type while the MC series are compact type.

Features

- High output optical power with low noise figure
- Wide operating wavelength range
- Compact module size
- Low power consumption

Applications

- Long-distance backbone network
- Metro network or optical access network
- DWDM transmission system

Standards

- Telcordia GR-1312-CORE
- RoHS

Specifications

Parameter	Unit	Specifications								
		BA			LA			PA		
		Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.
Operating Wavelength	nm	1528		1562	1528		1562	1528		1562
Output Power	dBm		20			20			13	
Gain	dB		25			25			25	
Gain Flatness	dB		0.6	1.5		0.6	1.5		0.6	1.5
Noise Figure	dB		5			5			5	
In/Out Return Loss	dB	Typ 45/45								
Polarization Dependent Gain	dB	Max 0.3								
Operation Temperature		-5~+55								
Storage Temperature		-25~+70								
		for MW series					for MC series			
Operation Voltage	V	5.0±5%					3.3±5%			
Power consumption	W	Max 30								

Dimension	mm	150x125x20	90x70x15
Electric Interface		DB25 male	30PIN male

Ordering Information

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Connector

FC SC,LC,MU/UPC,APC

Fiber length

1:1m customer specify

Fiber Dia.

09: φ0.9mm customer specify

Output Power

17:17dBm customer specify

Rated Gain

25:25dB customer specify

Operating Wavelength

40:1528~1562nm customer specify

EDFA Type

BA LA PA

Frame Type

MW:Normal MC:Compact