

EDFA-MW Gain Module Series



EDFA-MW series are designed for DWDM transmission systems, and can be integrated into EDFA card or sub rack according to customer's application requirements.

The products are Telcordia GR-1312-CORE qualified, and RoHS compliant.

Features

- High output optical power with low noise figure
- Wide operating wavelength range
- Flexible monitoring interface
- High reliability
- Easy installation and maintenance

Applications

- Long Haul/Metro Networks

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 Optical 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.5.0								
Input /Output Return Loss	dB	Typ. 45/45								
Polarization Dependent Gain	dB	Max. 0.3								
Operation Voltage	V	5.0±5%								
Power Consumption	W	Max.30								
Operation Temperature	°C	-5~+55								
Storage Temperature	°C	-25~+70								
Package	mm	150×125×20								
Electric Interface		DB25 (male)								

Ordering information

EDFA	—	MW	—	BA	—		—		—		—		—		—	
Operation Wavelength						Rated Gain		Output Power		Fiber Dia.		Fiber Length		Connector		
40:1528nm-1562nm、other: customer specify						25:25dB customer specify		17:17dBm customer specify		09: Φ0.9mm		1:1m customer specify		FC,SC,LC,MU/ PC,UPC,APC		

EDFA	—	MW	—	LA	—		—		—		—		—		—	
Operation Wavelength				Rated Gain		Output Power		Fiber Dia.		Fiber Length		Connector				
40:1528nm-1562nm、other: customer specify				25:25dB customer specify		17:17dBm customer specify		09: Φ0.9mm		1:1m customer specify		FC,SC,LC,MU/ PC,UPC,APC				

EDFA	—	MW	—	PA	—		—		—		—		—		—	
Operation Wavelength				Rated Gain		Output Power		Fiber Dia.		Fiber Length		Connector				
40:1528nm-1562nm、other: customer specify				25:25dB customer specify		13:13dBm customer specify		09: Φ 0.9mm		1:1m customer specify		FC,SC,LC,MU/ PC,UPC,APC				