

EDFA -L-band Gain Block/Module Series

ACCELINK TECHNOLOGIES CO.,LTD.



L-band EDFA series include booster amplifier, line amplifier and pre-amplifier in optical-electric module.

The products are Telcordia GR-1312-CORE qualified.

Features

- Flexible monitoring interface
- Compact and Easy to be installed

Applications

- L-band optical transmission system
- L-band DWDM system

Specifications

Parameter	Unit	Value								
		BA			LA			PA		
		Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.
Operation wavelength	nm	1569		1604	1569		1604	1569		1604
Output optical power	dBm		17			17			13	
Optical gain	dB		23			23			23	
Gain flatness	dB		0.6	1.5		0.6	1.5		0.6	1.5
Noise figure	dB	Typ. 5.5								
Input/Output return loss	dB	Typ. 50/50								
Polarization dependent gain	dB	Max. 0.3								
Operation voltage	V	Typ. 5								
Power consumption	W	Max. 20								
Operation temperature	°C	0~50								
Storage temperature	°C	-25~+70								
Package	mm	150×124×39.5								
Electric interface		DB25(male)								

Ordering information

EDFA — <input type="text"/> — BA — L — <input type="text"/> — <input type="text"/> — <input type="text"/> — <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
MW:optical-electric module	17:17dBm customer specify	09:Φ0.9mm	1:1.0m customer specify	FC,SC,LC,MU/ PC,UPC,APC	
Module type	Output power	Fiber Dia.	Fiber length	Connector	
EDFA — <input type="text"/> — LA — L — <input type="text"/> — <input type="text"/> — <input type="text"/> — <input type="text"/> — <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
MW:optical-electric module	22:22dB customer specify	17:17dBm customer specify	09:Φ0.9mm	1:1.0m customer specify	FC,SC,LC,MU/ PC,UPC,APC
Module type	Rated gain	Output power	Fiber Dia.	Fiber length	Connector
EDFA — <input type="text"/> — PA — L — <input type="text"/> — <input type="text"/> — <input type="text"/> — <input type="text"/> — <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
MW:optical-electric module	22:22dB customer specify	13:13dBm customer specify	09:Φ0.9mm	1:1.0m customer specify	FC,SC,LC,MU/ PC,UPC,APC
Module type	Rated gain	Output power	Fiber Dia.	Fiber length	Connector