



Mini Size EDFA Module



Overview:

EDFA Module can amplify small signal, increase signal power, extend transmission distance. This EDFA module is designed for optical communication systems and CATV long distance transmission. The small size makes it easy to install in any systems.

Features:

- * High output power and high gain
- * Low noise figure
- * Mini size
- * Low power consumption

Applications:

- * Analog and digital CATV system
- * Optical communication systems
- * LANs and WANS

Specifications:

Specifications					
Parameter	Min.	Typ.	Max.	Unit	Remark
Operating wavelength	1530	1550	1565	nm	
Optical input power			+10	dBm	
Optical output power	13		18	dBm	0dBm input
Noise figure		4.5	5.0	dB	0dBm input
PDG			0.5	dB	
PMD			1.0	ps	
Remnant to output			-30	dBm	
Remnant to input			-30	dBm	
Return loss	40			dB	EDFA off
Electricity					
Power supply	4.75	+5	5.25	V(AC)	
Current		1	1.5	A	
Environment					
Operating temperature	- 5		65	°C	
Storage temperature	- 25		75	°C	
Dimension(LxWxH)	90*70*16			mm	

Ordering Information:

EDFA--X--XX--XX--XX---XX--XX/XXX

| | | | | ↳Connector:FC/UPC, FC/APC ect.

| | | | ↳Pigtail fiber:1-900um, 2-3mm

| | | ↳Rating output power(dB):13~25

| | ↳Application:B=Power amplifier, L=inline amplifier,P-Pre-amplifier

↳ Package: SO-1U Rack ,EM-Photoelectric module,OM-only Optical module

↳Type: DC-DWDM C Band, DL-DWDM L Band, CA-CATV