

XFP EDFA



Product Introduction

The XFP EDFA module is a standard XFP package amplifier with XFP interface and protocol compatible design. The micro-processor controlled and managed XFP can ideally amplify the signal for full C-band. It is optimized for large input dynamic range while providing excellent noise figure performance.

Features

- Ultra compact package with XFP standard
- Ultra-low power consumption
- Up to 13dBm output power

Applications

- Narrow band amplification in C band
- Power equalization or pre-emphasis amplifier for DWDM Metro system
- OADM access networks
- CATV system

Standards

- Telcordia GR-1312-CORE
- RoHS

Specifications

Parameter	Unit	Specification			Note
		MIN.	TYP.	MAX.	
Wavelength Range	nm	1528		1563	
Input power Range	dBm	-30		0	
Input Power Monitor Range	dBm	-33		3	
Saturated Output Power	dBm	13			@0dBm input power
Output monitor range	dBm	-5		15	
Small signal gain	dB		30		@-30dBm input power
Noise Figure	dB		6		@25C
Input/output Port Return Loss	dB	40			
PDG	dB			0.3	
PMD	ps			0.5	
Supply Voltage	V	3.15	3.3	3.45	
Power Consumption	W			2.5	@steady state

Ordering Information

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