EDFA Array



Product Introduction

EDFA Array series feature flexible output power and ultra-low noise figure within an compact size fit for one slot applications. The green design made it has very low power consumption with highly efficiency. The fully independent control design built the EDFA Array operating free of interaction between each amplification units and also provide the amplifiers excellent dynamic performance. The full drop, full add and mixed with drop/add amplifications can be built upon customer request.

Features

- Ultra compact size with highly functionality integration
- Flexible output power and ultra-low noise figure
- Low power consumption with highly efficiency

Applications

- ROADM system
- Parallel telecommunications

Standards

- Telcordia GR-1312-CORE
- RoHS

Specifications

Parameter		Unit	Specifications		
			Min.	Typ.	Max.
Operation wavelength		nm	1529		1563
	Input power range	dBm	-23		-3
	Output power range	dBm	-3		17
Add EDFAs	Optimal gain	dB		20	
	Noise figure	dB			5.5
	Gain flatness vs. wavelength	dB	-0.5		0.5

Drop#

Input Transient Time	ms	0.1	
Transient Gain Offset	dB		0.5
Transient gain excursion (@16dB Add/Drop)	dB	-0.8	0.8
Transient gain excursion (@3dB Add/Dr			