



OLP-EDFA Card

Product Description

Multi-wavelength OLP-EDFA product integrates EDFA amplification, OSC multi-rate adaptive regeneration technology, can achieve line transmission signal amplification and OSC signal regeneration, so as to solve the problem of excessive line loss.

Product Features

- Low noise figure
- Multiple gain options
- Supports OSC signal amplification
- High integration

Product Specification

EDFA Index

Parameter	Index				
	1414	1420	1820	2520	2821
Operation wavelength	1528 nm~1568 nm				
Typical gain	14 dB	14 dB	18 dB	25 dB	28 dB
Saturation output optical power	14 dBm	20 dBm	20 dBm	20 dBm	21 dBm
Noise figure	5.5 dB			6dB	
Connector type	LC/UPC				
Maximum power consumption	20W				

OSC Index

Parameter	Index	
	3/0	1/1B
Rate	/	100Mbps
Receiver wavelength	1100 nm~1650nm	1100 ~1650nm
Receiver optical power	/	-35~-3 dBm
Output wavelength	/	1490/1510/1625 ±6.5nm
Output power	/	-3~+3 dBm