

Outdoor EDFA1550

Features

- ◇ Adopts JDSU, Fitel and Bookham Pump laser
- ◇ Adopts OFS Erbium-Doped fiber
- ◇ Good water-proof design
- ◇ Double cooling system protect the pump laser to work in a long time
- ◇ RJ45 and RS 232 port, SNMP management system
- ◇ Good stability, VFD display, trouble alarm system



Description

Outdoor EDFA1550-xx EDFA, is suitable for out-door installation. There are three kind of power supply that is 220VAC, 60 V AC and -48V DC. For there is no need for control room, the cable routing can take a shortcut which brings convenient for the design and construction of the project, as well as reduces the cost in the construction, maintenance and operation of the network

Parameter

Performance		Index	Supplement	
Optical feature	Wavelength	(nm)	1540~1560	
	Input power	(dBm)	-1~+7	Typical application ≥ 2 dBm
	Total output power	(dB)	+13~+24	
	Each port output power	(dBm)	+10~+17	
	Number of output port	(dB)	1~4	
	Difference of each output power	(dB)	± 0.5	
	Noise figure	(dB)	≤ 5.5	Pin=0dBm
	CNR deterioration	(dB)	≤ 1	Pin= 0dBm
	Gain		Min: 14, Max: 33	
	Echo loss	(dB)	55	
	Optical isolation	(dB)	≥ 40	
Optical Connectors		FC/APC	Options SC/APC, LC/APC	
General feature	Network management interface		RJ45, RS232	Support I.E. & SNMP
	Power supply	(V)	90~265VAC	Optional -48VDC
	Power Consume	(W)	≤ 50	Single power works

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	Work temp.	(°C)	0~50	
	Storage temp.	(°C)	-40~85	
	Relative humidity	(%)	5~95	
	Size	(")	15.7×9.6×6.5	(W)×(D)×(H)

Applications

- ◇ AM CATV
- ◇ Digital CATV
- ◇ DBS & MMDS
- ◇ FTTP
- ◇ Optical network