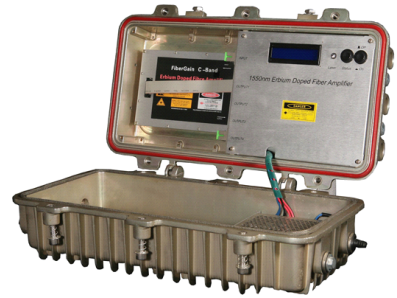


# Outdoor EDFA1550

## 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 $\geq 2$ 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)	$\pm 0.5$	
	Noise figure	(dB)	$\leq 5.5$	Pin=0dBm
	CNR deterioration	(dB)	$\leq 1$	Pin= 0dBm
	Gain		Min: 14, Max: 33	
	Echo loss	(dB)	55	
	Optical isolation	(dB)	$\geq 40$	
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)	$\leq 50$	Single power works



## Outdoor EDFA1550

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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