

# EDFA OPTICAL AMPLIFIER [OA-1550-xx-SA-x-x]

Fiber Products, EDFA Amplifier

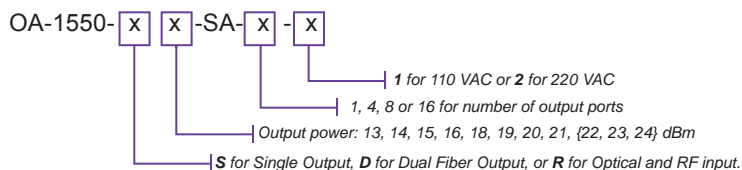


## Features

- Erbium Doped Optical Fiber
- 1540~1563 nm Operating Wavelength
- Low Noise, High Output, High Reliability
- APC, ACC, ATC Controlled Selection
- 19" 1 U Standard Rackmount Housing
- Excellent P/P Ratio
- RS232 and RJ45 Connections
- Easy to Read LCD Screen



## Ordering Information



Model Number	Description	Box Weight	Output Power (dBm)
OA-1550-xx-SA-x-x	EDFA Optical Amplifier for 1550nm	3 kg / 7 lbs	13, 14, 15, 16, 17, 18, 19, 20, 21, (22, 23, 24)

## Optical Features

Output Wavelength	1540 - 1560 nm
Optical Input Power	-10 ~ 3 dBm
Optical Output Power	See chart below
Optical Return Loss	≥ 60 dB
Optic Connector Type	SC / APC
Optical Output Ports	1 to 16
Noise Figure	4.5 - 6.5 dB

## RF Features

Network Interface Port	RJ45, R232 supports IE & SNMP
Power Supply	110 ~ 240 VAC
Power Consumption	≤ 50 W
Operating Temperature	0 ~ 65 °C (32 ~ 149 °F)
Storage Temperature	-20 ~ 70 °C (-4 ~ 158 °F)
Operating Relative Temperature	5% ~ 95%
Rack Size (WxDxH)	483 x 385 x 44 mm (19x14x1.75 in.)

Model	Output Power (dBm)	Input Power & Range	Typical	Noise Figure (dB)
OA-1550-x13-SA-x-x	> 13	-10(min) ~ +10(max)	>+3 dBm	4.0
OA-1550-x14-SA-x-x	> 14	-10(min) ~ +10(max)	>+3 dBm	4.1
OA-1550-x15-SA-x-x	> 15	-10(min) ~ +10(max)	>+3 dBm	4.2
OA-1550-x16-SA-x-x	> 16	-10(min) ~ +10(max)	>+3 dBm	4.3
OA-1550-x17-SA-x-x	> 17	-10(min) ~ +10(max)	>+3 dBm	4.5
OA-1550-x18-SA-x-x	> 18	-10(min) ~ +10(max)	>+3 dBm	4.8
OA-1550-x19-SA-x-x	> 19	-10(min) ~ +10(max)	>+3 dBm	5.0
OA-1550-x20-SA-x-x	> 20	-10(min) ~ +10(max)	>+3 dBm	5.3
OA-1550-x21-SA-x-x	> 21	-10(min) ~ +10(max)	>+3 dBm	5.5
OA-1550-x22-SA-x-x	> 22	-10(min) ~ +10(max)	>+3 dBm	5.8
OA-1550-x23-SA-x-x	> 23	-10(min) ~ +10(max)	>+3 dBm	6.0
OA-1550-x24-SA-x-x	> 24	-10(min) ~ +10(max)	>+3 dBm	6.3

Service Warranty: Three Years