

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

Fiber Products, Transmitters & Receivers

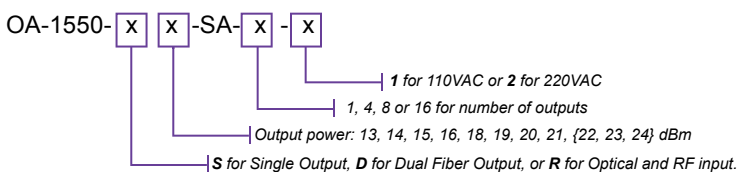


Features

- 1550 nm externally modulated optical transmitter
- RF bandwidth: 47–860 MHz
- Headend 19 inch rack mount enclosure
- LCD status and alarm monitor indicators on front panel
- Network interface port: RJ45, R232 supports IE & SNMP
- Power Supply of 110~250 Vac
- Power Consumption of ≤50 W
- Operating Temperature of 0°C to 65°C (149°F)
- Storage Temperature of -20°C (-4°F) to 70°C (158°F)
- Dimensions (LxWxH) of 483 x 385 x 44mm (19 x 14 x 1.75 in)



Ordering Information



Model Number	Description	Box Weight	Output Power (dBm)
OA-1550-xx-SA-x-x	Optical Amplifier for 1550nm	3 kgs / 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

RF Features

Network Interface Port	RJ45, R232 supports IE & SNMP
Power Supply	110 ~ 240 Vac
Power Consumption	≤ 50 W
Operating Temperature	-5°C (23°F) ~ 65°C (149°F)
Storage Temperature	-40°C (-40°F) ~ 85°C (185°F)
Operating Relative Temperature	5% ~ 95%
Rack Size (WxDxH)	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