

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

Fiber Products, EDFA

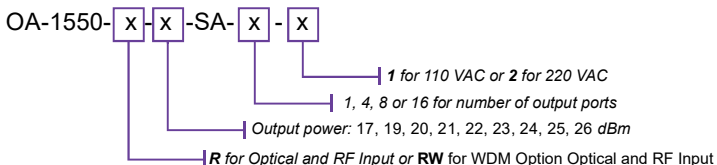
TaiTin

Features

- 1528~1564 nm Operating Wavelength
- Optical and RF Input
- Low Noise, High Output, High Reliability
- APC, ACC, ATC Controlled Selection
- WDM Option Available
- 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-x-x-SA-x-x	RF EDFA Optical Amplifier for 1550nm	3 kg / 7 lbs	17, 19, 20, 21, 22, 23, 24, 25, 26

Optical Features

Output Wavelength	1528 - 1564 nm
Optical Input Power	+1 ~ +11 dBm
Optical Output Power	17, 19, 20, 21, 22, 23, 24, 25, 26 dBm
Optical Power Tolerance	± 0.5
Optic Connector Type	SC / APC
Optical Output Ports	1, 4, 8, 16
Noise Figure	5.3 - 6.8 dB
Optical Return Loss	≥ 60 dB
Input/Output Isolation	≥ 30 dB
Gain Flatness (Nominal)	± 1 dB
Echo Loss	55 dB

General Features

SNMP Network Interface	RJ45
Series Interface	RS232
Power Supply	90 - 265 V, 220 VAC
	30 - 72 V, -48 VDC
	23 - 25 V, +24 VDC
Power Consumed	50 W
Operating Temp.	0 - 65 °C
Storage Temp.	-40 - 80 °C
Operating Relative Humidity	5 - 95 %
Size (W x D x H)	19 x 14.5 x 1.75"
	483 x 368 x 44 mm

RF Features

Transmitter Operating Bandwidth	1557 - 1562 nm
	1548 - 1553 nm
	1538 - 1543 nm
	1530 - 1535 nm
	1530 - 1563 nm (ITU)
RF Operating Bandwidth	40 - 862 MHz
Input Level	40 dBmV
Output Power	6 dBm
Flatness	± .75 dB
Return Loss	≥ 16 dB
Side Mode Suppression Ratio	40 dB
Equivalent Noise Figure	-160 dB RIN (20-1000 MHz)
VOA Adjustable Range	-20 - 0 dB
Input Impedance	75 Ohm
SNR	51 dB
CTB	-65 dB
CSO	-62 dB
SBS	17 dBm