

HIGH POWERED EDFA AMPLIFIER [OAH-1550-x-x-x-x-x-x]

Fiber Products, Amplifiers

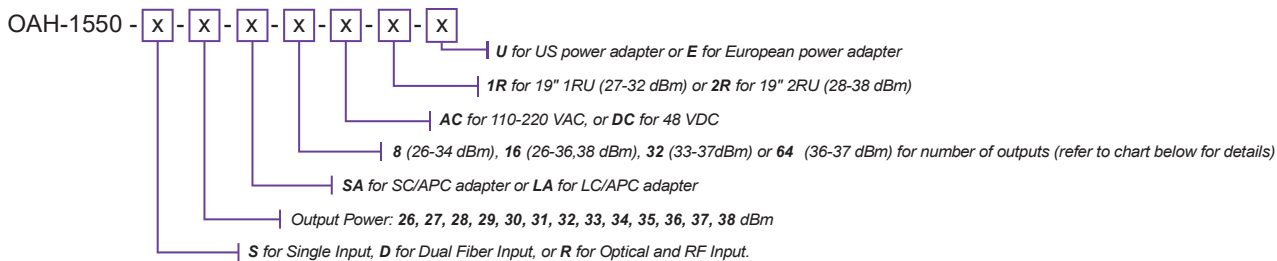
Taikan
ESTD. 1973

Features

- 1540 ~ 1563 nm Operating Bandwidth for Optical Amplifier
- 400 ~ 6300 mW (26~38 dBm) High Output Power
- Low Noise Subnumber (Typ ≤ 4.5 dB, Max ≤ 5.0 dB)
- 8 - 64 Output Ports
- Perfect RS232, SNMP // Excellent P/P Ratio
- Efficient Space, Flexible Installation and Easy Operation
- Compatible with Digital CATV, DBS, MMDS and FTTx PON Networks
- High Performance and Reliability



Ordering Information



Model Number	Description	Box Weight	Output Power (dBm)
OAH-1550-x-x-x-x-x-x	High Powered EDFA Amplifier for 1550 nm	3 kg / 7 lbs	26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38

Optical Features

Output Wavelength	1540 - 1563 nm
Optical Input Power	-10 ~ 10 dBm
Optical Output Power	See chart below
Output Ports	8, 16, 32, 64
Each Port Output Power	10 ~ 24 dBm
Each Output Power Difference	-0.5 ~ +0.5 dB
Output Power Adjustable Range	-6 ~ 0 dBm
Noise Figure	< 6.3 dB
Switch Time	8.0 ms

Optical Features (cont.)

Polarization Dependence Loss	< 0.3 dB
Polarization Dependence Gain	< 0.4 dB
Polarization Mode Dispersion	< 0.3 ps/nm
Input / Output Isolation	> 30 dB
Pump Power Leakage	< -30 dBm
Echo Loss	> 55 dB

General Features

Network Interface Port	RJ45, R232 supports IE & SNMP
Power Supply	90 ~ 265 V AC
Power Consumption	≤ 50 W
Operating Temperature	-5 ~ 65 °C (23 ~ 149 °F)
Storage Temperature	-40 ~ 80 °C (-40 ~ 176 °F)
Operating Relative Temperature	5 % ~ 95 %
Rack Size (WxDxH)	1RU: 19 x 14.5 x 1.75 in. 2RU: 19 x 14.7 x 3.5 in.

Model	Output Power (dBm)	Number of Output Ports	Each Port Output Power	Connector Type
OAH-1550-x-26-x-08-x-x	≥ 26 (400 mW)	8	≥ 15.5 dBm	SC/APC, LC/APC
OAH-1550-x-26-x-16-x-x	≥ 26 (400 mW)	16	≥ 12.0 dBm	SC/APC, LC/APC
OAH-1550-x-27-x-08-x-x	≥ 27 (500 mW)	8	≥ 16.5 dBm	SC/APC, LC/APC
OAH-1550-x-27-x-16-x-x	≥ 27 (500 mW)	16	≥ 13.0 dBm	SC/APC, LC/APC
OAH-1550-x-28-x-08-x-x	≥ 28 (630 mW)	8	≥ 17.5 dBm	SC/APC, LC/APC
OAH-1550-x-28-x-16-x-x	≥ 28 (630 mW)	16	≥ 14.0 dBm	SC/APC, LC/APC
OAH-1550-x-29-x-08-x-x	≥ 29 (800 mW)	8	≥ 18.5 dBm	SC/APC, LC/APC
OAH-1550-x-29-x-16-x-x	≥ 29 (800 mW)	16	≥ 15.0 dBm	SC/APC, LC/APC
OAH-1550-x-30-x-08-x-x	≥ 30 (1000 mW)	8	≥ 19.5 dBm	SC/APC, LC/APC
OAH-1550-x-30-x-16-x-x	≥ 30 (1000 mW)	16	≥ 16.0 dBm	SC/APC, LC/APC
OAH-1550-x-31-x-08-x-x	≥ 31 (1260 mW)	8	≥ 20.5 dBm	SC/APC, LC/APC
OAH-1550-x-31-x-16-x-x	≥ 31 (1260 mW)	16	≥ 17.0 dBm	SC/APC, LC/APC
OAH-1550-x-32-x-08-x-x	≥ 32 (1580 mW)	8	≥ 21.5 dBm	SC/APC, LC/APC
OAH-1550-x-32-x-16-x-x	≥ 32 (1580 mW)	16	≥ 18.0 dBm	SC/APC, LC/APC
OAH-1550-x-33-x-08-x-x	≥ 33 (2000 mW)	8	≥ 22.5 dBm	SC/APC, LC/APC
OAH-1550-x-33-x-16-x-x	≥ 33 (2000 mW)	16	≥ 19.0 dBm	SC/APC, LC/APC
OAH-1550-x-33-LA-32-x-x	≥ 33 (2000 mW)	32	≥ 15.5 dBm	LC/APC
OAH-1550-x-34-x-08-x-x	≥ 34 (2510 mW)	8	≥ 23.5 dBm	SC/APC, LC/APC
OAH-1550-x-34-x-16-x-x	≥ 34 (2510 mW)	16	≥ 20.0 dBm	SC/APC, LC/APC
OAH-1550-x-34-LA-32-x-x	≥ 34 (2510 mW)	32	≥ 16.5 dBm	LC/APC
OAH-1550-x-35-x-16-x-x	≥ 35 (3160 mW)	16	≥ 21.0 dBm	SC/APC, LC/APC
OAH-1550-x-35-LA-32-x-x	≥ 35 (3160 mW)	32	≥ 17.5 dBm	LC/APC
OAH-1550-x-36-x-16-x-x	≥ 36 (4000 mW)	16	≥ 22.0 dBm	SC/APC, LC/APC
OAH-1550-x-36-LA-32-x-x	≥ 36 (4000 mW)	32	≥ 18.5 dBm	LC/APC
OAH-1550-x-36-LA-64-x-x	≥ 36 (4000 mW)	64	≥ 15.0 dBm	LC/APC
OAH-1550-x-37-LA-32-x-x	≥ 37 (5000 mW)	32	≥ 19.5 dBm	LC/APC
OAH-1550-x-37-LA-64-x-x	≥ 37 (5000 mW)	64	≥ 16.0 dBm	LC/APC
OAH-1550-x-38-LA-16-x-x	≥ 38 (6300 mW)	16	≥ 24.0 dBm	LC/APC

Service Warranty: Three Years

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