

EDFA-1550-XxX

Optical amplifiers

10420646
EDFA-1550-2x16



- High-performance erbium doped fiber and low noise pump laser
- 1 – 4 output ports
- Extremely high optical output power per port
- Adjustable loss at the output -3 – 0 dB
- Low noise figure
- Network management interface, in line with standard SNMP network management

- Intelligent temperature control system for lowering the power consumption
- System parameter setting by front panel keypad, serial interface (RS 232) or user-friendly web interface
- RS 232 and RJ 45 control interface
- 2 power supplies with each 50 % load sharing, 160 ... 250 VAC or 48 VDC, hot-pluggable
- Connector types: SC/APC (optical) – E2000/APC alternative available

Parameter	Applies to all EDFA models listed on the right
Operating wavelength [nm]	1545 – 1565
Optical input power range [dBm]	-3 ... +10
Output power stability [dBm]	± 0,5
Return loss optical output [dB]	≥ 45
Return loss optical input [dB]	≥ 45
Noise figure [dBμV]	≤ 5
Optical connectors	SC/APC
Power consumption [W]	30
Operating temperature range [°C]	-5 ... +55
Storage temperature range [°C]	-30 ... +70
Max. relative humidity (operation and storage)	max. 95 %, no condensation
Dimensions (L x W x H) [mm]	483 x 420 x 44
Weight [kg]	3,7
Rack unit	19"/1 RU

Model	Max internal output power [dBm]	Amount output ports	Output power per port [dBm]	Order No.
EDFA-1550-1x16	16	1	16	10420606
EDFA-1550-1x17	17	1	17	10420607
EDFA-1550-1x18	18	1	18	10420608
EDFA-1550-1x20	20	1	20	10420610
EDFA-1550-1x22	22	1	22	10420612
EDFA-1550-1x25	25	1	25	10420615
EDFA-1550-2x16	20	2	16	10420646
EDFA-1550-2x17	21	2	17	10420647
EDFA-1550-2x18	22	2	18	10420648
EDFA-1550-2x21	25	2	21	10420651
EDFA-1550-4x16	23	4	16	10420716
EDFA-1550-4x17	24	4	17	10420717

Further EDFA models are available on request!

