

EDFA-1550-XxX

Optical amplifiers

10420648
EDFA-1550-2x18



- 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	EDFA-1550-1x18	EDFA-1550-1x20	EDFA-1550-1x21	EDFA-1550-2x18	EDFA-1550-2x21	EDFA-1550-4x17
Operating wavelength [nm]	1545 – 1565					
Optical input power range [dBm]	-3 ... +10					
Max internal output power [dBm]	18	20	21	22	25	24
Amount output ports	1	1	1	2	2	4
Output power per port [dBm]	18	20	21	18	21	17
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					
Order No.	10420608	10420610	10420611	10420648	10420651	10420717

Further EDFA models are available on request!

