

EDFA-1550-XxX-HP-1U

High power optical amplifiers

10420718

EDFA-1550-4x18-HP



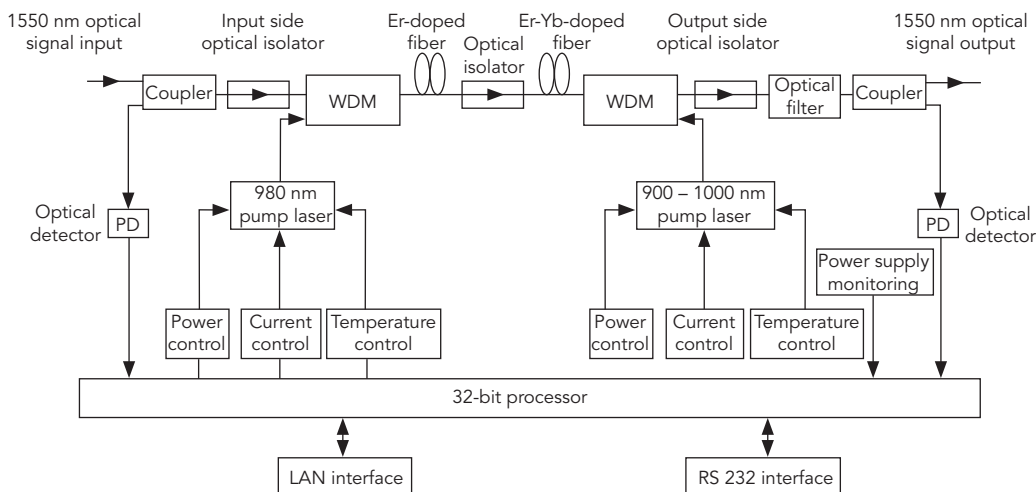
- Adopts erbium ytterbium co-doped double-clad fiber technology
- 4 – 16 output ports
- Extremely high optical output power per port
- Adjustable loss at the output -3 – 0 dB
- Low noise figure
- Network management interface, in line with standard SNMP network management

- Intelligent temperature control system for lowering the power consumption
- RS 232 and RJ 45 control interface
- System parameter setting by front panel keypad, serial interface (RS 232) or user-friendly web interface
- 2 power supplies with each 50 % load sharing, 160 ... 250 VAC or 48 VDC, not 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]	-10 ... +45
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 475 x 44
Weight [kg]	3,7
Rack unit	19"/1 HE

Model	Max internal output power [dBm]	Amount output ports	Output power per port [dBm]	Order No.
EDFA-1550-4x18-HP	26	4	18	10420718
EDFA-1550-4x20-HP	28	4	20	10420720
EDFA-1550-4x22-HP	30	4	22	10420722
EDFA-1550-4x24-HP	31	4	24	10420724
EDFA-1550-8x16-HP	27	8	16	10420736
EDFA-1550-8x17-HP	28	8	17	10420743
EDFA-1550-8x18-HP	29	8	18	10420738
EDFA-1550-16x16-HP	31	16	16	10420746
EDFA-1550-16x17-HP	32	16	17	10420748

Further EDFA models are available on request!



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