

OPTOPUS

High Power EYDFA LX 35



Product information



LX35 is an optical amplifier based on EYDFA technologie for use in HFC and FTTx networks. The system is available with different output power and various numbers of outputs.

Features:

- Very high optical power with 38 dBm internally
- Stand-alone operation or integration in a WISI Optopus system
- Extensive management via SNMP, HTTP or custom options
- Carrier grade functions with hot pluggable and redundant power and fans

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Type	LX 35 S	
Operating wavelength	1545...1565 nm	
Input power	0...+10 dBm	
Output power configurations	8x or 16x or 32x	14.0 dBm
	8x or 16x or 32x	17.0 dBm
	8x or 16x or 32x	20.0 dBm
Gain control range ¹	3 dBm	
Noise figure ²	≤ 5.5 dB	
Return loss input/output	≥ 40 dB	
Isolation output ► input	≥ 40 dB	
Output power tolerance	± 0.5 dB	
Port uniformity	± 0.8 dB	
Optical test port	-20 dB	
General data		
Dimension (W x H x D)	483 mm x 44 mm x 455 mm (19", 1RU)	
Connector type	SC/APC	
Laser Class	1M	
Supply voltage	230 V AC	
Power consumption ³	max. 75 W	
Operating temperature range	-5...+45 °C (ETSI EN 300 019 -1-3 Class 3.2)	
	¹ With constant noise figure	
	² Noise figure at 0 dBm input power, nominal output power and signal wavelength 1550 nm	
	³ Maximum power consumption at the end of lifetime and at maximum operating temperature	

Order information

LX 35 S XXXX

Number of outputs:	08 - 8 outputs
	16 - 16 outputs
	32 - 32 outputs
Output Power:	14 - 14.0 dBm
	17 - 17.0 dBm
	20 - 20.0 dBm

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