

# WISI LX 35 S 1432

An optical amplifier, output power 14.0 dBm, 32 outputs



## Description

LX 35 xxxx is an optical high power amplifier on YEDFA base for the application in CATV and FTTx networks. The device is available with different output power and number of output ports.

## At a glance:

- Very high optical power with 38 dBm internally
- Stand-alone operation or integrated with WISI Optopus
- Management via SNMP, HTTP or custom options
- Carrier grade functions with hot pluggable and redundant power and fans

## Technical data

Wavelength	1545...1565 nm
Input power	0...+10 dBm
Output power	32x 14 dBm $\pm$ 0.5 dB (average of all output ports, excluding connectors)
Gain control range	3 dB (with constant noise figure)
noise figure	$\leq$ 5,5 dB (Noise figure @ 0 dBm input, nominal output power and signal wavelength 1550 nm)
Return loss input / output	$\geq$ 40 dB
Isolation output -> input	$\geq$ 40 dB
max. Port uniformity	$<$ 1,3 dB
Optical test port	-20 dB $\pm$ 1 dB

## General data

Dimensions (width x height x depth)	483 x 44 x 455 mm (19", 1RU)
Optical connectors	SC/APC connectors
Laser Class	1M
Maximum variation of optical power per every plug process	SC $\pm$ 0,25 dB
Supply voltage	110/230 V AC or 48 V DC
Power consumption max.	$<$ 75 W
Operating temperature range	-5...+45 °C (ETSI EN 300 019 -1-3 Class 3.2)

## Accessories

Power supply	LXPS 0230, LXPS 0048 (not included in the delivery)
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## Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	483 x 44 x 455 mm (19", 1RU)
Packaging volume sales unit	dm <sup>3</sup>
Gross weight sales unit	kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	dm <sup>3</sup>
Gross weight shipping unit	kg
EAN	4010056743635
Article number	74363
Customs tariff number	85176100