

# WISI LX 35 S 1701

An optical amplifier, output power 17 dBm, 1 output



## Description

LX 35 xxxx is an optical amplifier based on YEDFA technologie for use in HFC and FTTx networks. The system is available with different output power and various numbers of outputs.

## 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

Wave length	1530...1565 nm
Input power	0...+10 dBm
Output power	1 x 17 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	$<$ 0,8 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	$<$ 30 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	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	4010056738976
Article number	73897
Customs tariff number	85176100