

# WISI LX 30 S 2102

Optical Amplifier



## Description

The LX 30 is part of the Optopus product portfolio. LX 30 is an optical amplifier based on EDFA technology for use in FTTx and HFC networks. The Optopus platform is a highly flexible and high density platform for all kinds of analog optical networks. The system is used in any network such as HFC, RF over Glass or RF Overlay in FTTx applications.

## At a glance:

- Optical amplifier for use in WISI Chassis LX 50
- Amplification of optical signals in the C-band
- Up to four output ports with adjustable output power
- Optical test port for the output signal
- Wide input power range enables application as booster- or inline-amplifier
- Low electrical power consumption

## Technical data

Amplifier inputs	1 pcs.
Optical input power	-2...+10 dBm
Amplifier outputs	2 pcs.
Optical output power	2x 21,0 dBm
Output level tolerance	±0,5 dB (Variation of output power over polarization, wavelength range and temperature range)
Output level variation	±0,5 dB
Wavelength	1530...1565 nm
Setting range amplifier	5 dB (0,1 dB-steps)
Noise figure	≤5,5 dB (at 0 dBm input power, nominal output power and signal wave length 1550 nm)
Return loss	≥45 dB (input - output)
Isolation	≥40 dB (output - input)
Optical test point output	-2.5 dB (in relation to EDFA-output power)

## Connectors

SC/APC connectors	1 pcs.
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## General data

Power consumption	typ. 11 W (max. 22 W)
Dimensions (width x height x depth)	30 x 133 x 320 mm
Environmental parameters	-5...+45 °C (ETSI EN 300 019-1-3 Class 3.1)

## Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	440 x 200 x 60 mm
Packaging volume sales unit	dm <sup>3</sup>
Gross weight sales unit	1.895 kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	2.8 dm <sup>3</sup>
Gross weight shipping unit	1.75 kg
EAN	4010056722678
Article number	72267
Customs tariff number	85176100