

# WISI LX 23 L 0431

Quattro Upstream RFoG Receiver



## Description

The LX 23 is part of the Optopus product portfolio. LX 23 is a quattro upstream receiver for use in RFoG 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 quattro upstream receiver for use in WISI Chassis LX 50
- 4 independent upstream channels per unit or one combined output
- 4 RF output ports at rear
- Integrated RFoG-Filter (1310 nm)
- IDS noise suppression (Squelch)

## Technical data

Optical receiver 19"	4 pcs.
Optical input level	-28...-10 dBm
Receiving wavelength	1310 nm
Wavelength network interface	1270...1565 nm
Wavelength RFOG receiver	1270...1350 nm
Wavelength broadcast interface	1530...1565 nm
Thermal receiver noise	≤1 pA/√Hz
Optical return loss	≥45 dB
Decoupling network-connection RFOG receiver	≥40 dB
Decoupling network-connection broadcast connection	≥15 dB
Directional attenuation	≥60 dB
Insertion loss broadcast network connection	≤0,8 dB
Insertion loss network connection RFOG receiver	≤1,0 dB
Electrical reflection loss	≥20 dB (-1 dB/oct.)
Frequency range	5...100 MHz
Ripple	≤ ±0,75 dB
Electrical output power	90 dBμV (15% OMI @ -28 dBm)
Output attenuator	0...40 dB (1 dB-steps)
Output test point	-20 dB

## Connectors

LC/APC connector	1 pcs.
F-socket	5 pcs.

## General data

Power consumption	≤12 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	400 x 200 x 35 mm
Packaging volume sales unit	dm <sup>3</sup>
Gross weight sales unit	1.900 kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	2.8 dm <sup>3</sup>
Gross weight shipping unit	1.76 kg
EAN	4010056722654
Customs tariff number	85176100
Article number	72265