

WISI LX 21 S 0100

Single DS Receiver



Description

The LX 21 is part of the Optopus product portfolio. LX 21 is an optical receiver for downstream applications with a wide input range. The Optopus 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 receiver for use in WISI Chassis LX50
- Automatic level control (ALC)

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Technical data

Downstream	
Wavelength	1280...1630 nm
Optical return loss	>40 dB
Impedance	75 Ω
Return loss output	≥ 18 dB (-1,5 dB/Okt.)min. 14 dB
Frequency range	47...1006 MHz
Opt. input level for controlled electrical output level	-7...+3 dBm
Max. controlled output level	90 dB μ V (ALC on, 4% OMI)
Attenuator range	0...15 dB (0,5 dB steps)
Equalizer range	0...10 dB (0,5 dB steps)
Amplitude response (O-E)	$\leq \pm 0,5$ dB
Equivalent noise input	$\leq 4,5$ pA/ $\sqrt{\text{Hz}}$
Output level	90 dB μ V (CENELEC 42 Ch. (CSO/CTB ≥ 70 dB), flat)
Test point	-20 dB

Connectors

Fiber type	Single Mode 9/125 μm
Optical connector	SC/APC connectors
RF connectors	F

General data

Supply voltage	12 V DC
Power consumption	6.5 W
EMC	EN50083-2
Operating temperature range	-5...+45 $^{\circ}\text{C}$ (EN300 019-1-3 Class 3.2)
Dimensions (width x height x depth)	30 x 133 x 320 mm

Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	440 x 200 x 60 mm
Packaging volume sales unit	5,28 dm ³
Gross weight sales unit	1,845 kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	2.8 dm ³
Gross weight shipping unit	kg
EAN	4010056719487
Customs tariff number	85176100
Article number	71948