

OPTOPUS



Quattro US HFC Receiver LX 22

Product information



The LX 22 is part of the Optopus product portfolio. LX 22 is a quattro upstream receiver for use in 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.

Features:

- Optical quattro upstream receiver for use in WISI Chassis LX50
- 4 independent upstream channels per unit or one combined output
- 4 RF output ports at rear
- Optical automatic level control (ALC) for constant RF-Level
- Redundancy switching option with LX71

excellence in digital ...

OPTOPUS

Quattro US HFC Receiver LX 22



Type	LX 22 S 0400
Wavelength	1280 nm... 1630 nm
Optical Receivers	4
Optical input level	-17 ... +0 dBm
Thermal receiver noise	≤ 2.0 pA /√Hz
Optical return loss	> 45 dB
Electrical output return loss	≥ 20 dB (-1 dB /Oct.)
Frequency range	5 ... 200 MHz
Frequency response	≤ ± 0.75 dB
Electrical output	90 dBμV; max. controlled level (5% OMI, ALC on)
Input attenuator ¹ (optical)	0 ... 40 dB (1 dB steps)
Output attenuator (RF)	0 ... 15 dB (1 dB steps)
RF Test point	-20 dB
General data	
Chassis	WISI LX – Module
Dimension (W x H x D)	30 mm x 133 mm x 320 mm
Connector type	
Optical	SC/APC
RF	F (75 Ohm)
Supply voltage	12 VDC
Power consumption	≤ 12 W
Operating temperature range	-5°C – +45°C (ETSI EN 300 019 -1-3 Class 3.2)
	¹ Only adjustable if the ALC is turned off.

WISI Communications GmbH & Co. KG

Empfangs- und Verteiltechnik
 Wilhelm-Sihn-Straße 5–7
 75223 Niefern-Oeschelbronn, Germany

Telefon +49 72 33-66-0 Fax -3 50
 info@wisi.de
 www.wisi.de



excellence in digital ...