

OPTOPUS



Base unit LX 50

Product information



The LX 50 is part of the Optopus product portfolio. LX 50 is the base unit of the optical platform Optopus with 14 slots in a 3+1 rackunit chassis. 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:

- Tool less Hot-Swap of modules, power supply units, management unit and fan unit
- Mechanical backplane for optical and RF-Connectors
- Electrical backplane for management and power supply
- Full redundance power supply concept
- Management unit for local and remote supervision

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Type	LX 50
Maximum number of modules	14
Power supply units	1
Slot for redundant power supply	1
Remote management interface	
Protocol	
Data Link Layer	Ethernet 10/100 Base-T, 1000 Base-X
Network Layer	IPv4, ICMP
Transport Layer	UDP, TCP
Application Layer	SNMPv1/v2c, DHCP, SMTP, Web
Connectors	
10/100 Base-T	2 x RJ45 female jack
1000 Base-X	1 x SFP
Management interface for external stand alone units	
Protocol	
Data Link Layer	Ethernet 10/100 Base-T
Network Layer	IPv4, ICMP
Transport Layer	UDP, TCP
Application Layer	SNMPv1/v2c
Connectors	
10/100 Base-T	4 x RJ45 female jack
General data	
Package	4HU, 19" Rack
Dimension (W x H x D)	483 mm x 178 mm x 330 mm
Supply voltage	
LX 50 0048	48 V DC
LX 50 0230	230 V AC
Power consumption	
Chassis only	≤ 25 W
Fully equipped with 14 LX-Modules	≤ 240 W
Operating temperature range	-5...+45°C (ETSI EN 300 019 -1-3 Class 3.2)

Accessories

LX 55 0048 - Additional or replacement power supply 48 V DC
LX 55 0230 - Additional or replacement power supply 230 V AC

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