

# LANS Housing, loaded, with pigtails, LC Duplex

48 fibres, 1U, SM/OS2, MFT splice tray without protectors, high-grade steel



The modular and multifunctional LANS housing family was designed for various applications in 19-in racks and main distribution frames. The sliding and tilting LANscape® LANS housings can be equipped with industry common adapter types in different fibre categories and are suitable for direct field termination, fusion splicing with pigtails as well as preterminated solutions. The modular front allows for mixed media fibre and copper installations of modules in LANscape format. The two modular back openings can accommodate additional accessories, such as cable glands, cable strain relief for FTTH/FTTO applications or U-Clips for Plug & Play™ and EDGE™ trunks. Enabling a simple exchange of adapter modules during moves, adds and changes (MACs) the modular housings reduce the risk of network disruptions.

## Features and Benefits

Modular front allows to exchange and mix different adapter types and fibre categories

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LC Duplex adapter modules with selfclosing shutters are standard at no extra cost

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Quick-mount feature allows for easy and accurate single-person installation

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Modular back openings allow to strainrelief different cable types, such as brackets for cable glands, furcation heads of preterminated cables, copper cables and low fibre count cables (max. 16)

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Suitable for fusion splicing with pigtails, preterminated solutions and Plug & Play™ /EDGE™ trunks, field-termination with UniCam connectors and FutureCom™ copper jacks in LANscape Format

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Port numbering above and below the ports

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Space above the ports can be used for customised labelling

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Available in three colours: black, grey and now also with silver front

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Housings are available empty (1U or 2U) or preloaded with or without pigtails

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## Specifications

General Specifications	
Application	Splicing
Mounting type	Rack 19"
Mounting Technology	Flush mount
Access type	Front access downward tiltable
Lockable	No
Fibre Category	9 µm SM (OS2)

Temperature Range	
Operation	-10 °C to 60 °C
Storage	-10 °C to 60 °C

Design - Hardware	
Housing material	High-grade steel
Cable entry type	slotted for cable glands angled
Pigtail Type	Bundle colour coded to telcordia on primary and secondary coating
Housing Colour	high-grade steel
Height Unit	1U
Fibre count	48
Number of Ports	24
Number of adapters	24
Number of splice trays	4
Splice tray type	MFT splice tray
Splice Protectors Type	Heat-shrink
Number of pigtails	48
Pigtail length	2 m
Connector type	LC UPC
Number of pigtail bundles	4

Mechanical Characteristics	
Dimensions (HxWxD)	44 mm x 483 mm x 213 mm
Weight	3.90 kg

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## Optical Specification - Hardware

Insertion loss, max.	0.25 dB
Reflectance, Maximum	≤ -55 dB

## Design Adapter

Adapter type	LC duplex UPC shuttered
Adapter housing material	Composite
Adapter housing colour	Blue
Insert Material	Ceramic
Keyed adapter	No
Shuttered adapter	Yes

## Ordering Information

Part Number	LANS-148-AE-02R-S1S
Product Description	LANS Housing, loaded, with pigtails, 24 LC Duplex shuttered UPC, 1U, blue SM/OS2, with MFT splice tray for up to 24 heat-shrink splice protectors, w/o protectors, high-grade steel
EAN Code	4056418770611

## Shipping Information

Units Per Delivery	1/1
Packing dimensions (L x W x H)	550 mm x 360 mm x 60 mm
Shipping Weight	4.70 kg



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