

LANS Housing, loaded, with pigtails, LC Duplex

96 fibres, 2U, SM/OS2, MFT splice tray without protectors, black



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 FTTD/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

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

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

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)

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

Port numbering above and below the ports

Space above the ports can be used for customised labelling

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

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	Black
Height Unit	2U
Fibre count	96
Number of Ports	48
Number of adapters	48
Number of splice trays	8
Splice tray type	MFT splice tray
Splice Protectors Type	Heat-shrink
Number of pigtails	96
Pigtail length	2 m
Connector type	LC UPC
Number of pigtail bundles	8

Mechanical Characteristics	
Dimensions (HxWxD)	88 mm x 483 mm x 213 mm
Weight	4.60 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-296-AE-02R-S1B
Product Description	LANS Housing, loaded, with pigtails, 48 LC Duplex shuttered UPC, 2U, blue SM/OS2, with MFT splice tray for up to 24 heat-shrink splice protectors, w/o protectors, black
EAN Code	4056418771335

Shipping Information

Units Per Delivery	1/1
Packing dimensions (L x W x H)	600 mm x 400 mm x 150 mm
Shipping Weight	5.40 kg



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