

LANs Housing, loaded, with pigtails, LC Duplex

48 fibres, 1U, single-mode (OS2), with pigtails, MFT tray, heat-shrink splice protection

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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



Product representation - actual product may vary

Part Number: LANS-148-AE-02R-S2B

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Specifications

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

Temperature Range	
Operation	-20 °C to 60 °C
Installation and assembly	-5 °C to 50 °C
Storage Temperature	-25 °C to 70 °C

Design - Hardware	
Housing material	High-grade steel
Height Unit	1U
Fibre Count	48
Cable entry type	slotted for cable glands angled
Number Of Ports	24
Number of adapters	24
Number of pigtails	48
Number of pigtail bundles	4
Pigtail length	2.5 m
Connector Type	LC Duplex
Pigtail Type	Bundle colour coded to telcordia on primary and secondary coating
Number of splice trays	4
Splice tray type	MFT for heat-shrink splice protectors
Number of splice protectors	48
Splice Protectors Type	Heat-shrink

Mechanical Characteristics	
Dimensions (HxWxD)	44 mm x 483 mm x 213 mm
Weight	2.85 kg

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Optical Specification - Hardware

Pigtail insertion loss	0.1 dB
Pigtail reflectance	≤ -58 dB

Design Adapter

Adapter type	LC duplex 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-S2B
Product Description	LANS 19" Patch Panel, 1U, black, 24 LC duplex shuttered, blue OS2, with pigtails, MFT tray, heat-shrink splice protection
EAN Code	4042673924029

Shipping Information

Shipping Weight	3.66 kg
Units Per Delivery	1/1

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Corning Optical Communications GmbH & Co. KG · Leipziger Strasse 121 · 10117 Berlin, GERMANY
00 800 2676 4641 · FAX: +49 30 5303 2335 · www.corning.com/opcomm/emea

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