

# LANS Housing, loaded, with pigtails, LC Duplex

48 fibres, 1U, 50 µm MM/OM2, MFT splice tray without protectors, black

CORNING

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)

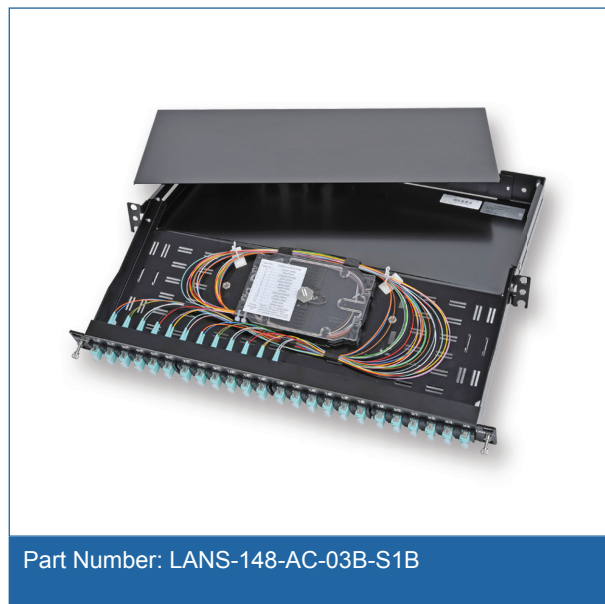
Suitable for fusion splicing with pigtails, preterminated solutions and Plug & Play™ /EDGE™ trunks, field-termination with UniCam connectors and FutureCom™ copper jacks in LANScape Format

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



Part Number: LANS-148-AC-03B-S1B

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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         | 50 µm MM (OM2)                 |

| 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               | 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  |
| 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. | 0.5 dB |
|----------------------|--------|

## Design Adapter

|                          |                     |
|--------------------------|---------------------|
| Adapter type             | LC duplex shuttered |
| Adapter housing material | Composite           |
| Adapter housing colour   | Black               |
| Insert Material          | Ceramic             |
| Keyed adapter            | No                  |
| Shuttered adapter        | Yes                 |

## Ordering Information

|                     |   |
|---------------------|---|
| Part Number         | LANS-148-AC-03B-S1B   |
| Product Description | LANS Housing, loaded, with pigtails, 24 LC Duplex shuttered, 1U, black MM/OM2, with MFT splice tray for up to 24 heat-shrink splice protectors, w/o protectors, black |
| EAN Code            | 4056418770499   |

## 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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