

LANS Housing, loaded, with pigtails, LC Duplex

12 fibres, 1U, SM/OS2, standard 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

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 |
| Number of pigtail bundles | 1 |
| Pigtail Type | Bundle colour coded to telcordia on primary and secondary coating |
| Housing Colour | high-grade steel |
| Height Unit | 1U |
| Fibre count | 12 |
| Number of Ports | 24 |
| Number of adapters | 6 |
| Number of splice trays | 1 |
| Splice tray type | standard splice tray |
| Splice Protectors Type | Heat-shrink or crimp protectors |
| Number of blank modules | 18 |
| Number of pigtails | 12 |
| Pigtail length | 2 m |
| Connector type | LC UPC |

| Mechanical Characteristics | |
|----------------------------|-------------------------|
| Dimensions (HxWxD) | 44 mm x 483 mm x 213 mm |
| Weight | 3.40 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-112-AE-02R-S8S |
| Product Description | LANS Housing, loaded, with pigtails, 6 LC Duplex shuttered UPC, 1U, blue SM/OS2, with standard splice tray for up to 12 heat-shrink and crimp splice protectors, w/o splice protectors, high-grade steel |
| EAN Code | 4056418692081 |

Shipping Information

| | |
|--------------------------------|-------------------------|
| Units Per Delivery | 1/1 |
| Packing dimensions (L x W x H) | 550 mm x 360 mm x 60 mm |
| Shipping Weight | 4.20 kg |



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