

# LANscape® Fibre Housing, LC Duplex

48 Fibres, 1U, Multimode OM3/OM4, universal splice pack, protectors not included, black

CORNING

The LANscape® housing family was designed for various applications in 19-in racks and main distribution frames. The fixed or sliding 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 four back openings accommodate cable glands. Additional brackets for cable strain relief for FTDD/FTTO applications or U-Clips for Plug & Play™ and EDGE™ trunks can be mounted at the backside. The space-optimized interior makes it easy to work with ongoing moves, adds and changes (MACs), thus reducing the risk of network disruptions.

## Features and Benefits

### Easy to remove top cover

No tools needed

### Housing made of aluminium

Lightweight, but robust

### Quick-mount feature

Allows single-person mounting of housing

### Accomodate different termination methods

Pigtail splicing, field connectorisation, preterminated cables, Plug & Play™ or EDGE™ trunks can be installed in the same housing

### Low installation depth

Mountable in shallow cabinets or racks

### Multiple labelling options

Port numbering above and below adapter modules or customised labels

### LC Duplex adapter modules with self-closing shutters

Additional protection at no extra cost



## Specifications

General Specifications	
Mounting type	Rack 19"
Access type	Front, top, rear
Lockable	Yes
Fibre category	50 µm MM (OM3/OM4)
Application	Splicing

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## Temperature Range

Operation	-10 °C to 60 °C
Storage	-10 °C to 60 °C
Installation and assembly	-10 °C to 60 °C

## Design - Hardware

Housing material	Aluminum
Housing colour	Black
Height unit	1U
Fibre count	48
Cable entry type	Prepunched circular for cable glands (2 x M20 and 2 x M25 on the rear)
Number of adapters	24
Number of pigtails	48
Pigtail length	2 m
Connector type	LC Duplex
Number of splice trays	4
Splice tray type	Universal cassette with organisers for heat-shrink and crimp splice protectors
Splice protectors type	Without organizer and protectors
Number of splice protectors	0
Total splice capacity	48
Maximum cable number in basic unit with accessories	4
Additional cable number reachable with accessories	4

## Mechanical Characteristics

Dimensions (HxWxD)	44 mm x 483 mm x 233 mm
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## Optical Specification - Hardware

Insertion loss, max.	0.5 dB
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## Design Adapter

Adapter type	LC duplex shuttered
Adapter housing colour	Turquoise
Shuttered adapter	Yes

## Ordering Information

Part Number	LAN1-48AD-PGTL-B
Product Description	LANscape® Fibre Housing, loaded with LC Duplex shuttered adapters and pigtails, 48 Fibres, 1U, Multimode OM3/OM4, universal splice pack, protectors not included, black

## Shipping Information

Units Per Delivery	1/1
Package Contents	LANscape Fibre Housing with adapters, splice packs including coloured pigtails, 1x M20 cable gland and basic accessories



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