

Everon® LAN1 Fiber Housing Front panel loaded with LC UPC Duplex shuttered adapters and pigtails, 48 Fibers, 1U, SMF-28® Ultra fiber, universal splice pack, protectors not included, black

CORNING

Part Number:
LAN1-48AE-PGTL-B

The LANscape® housing family was designed for various applications in 19-racks and main distribution frames. The fixed or sliding housings can be equipped with industry common adapter types in different fiber 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 FTTH/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

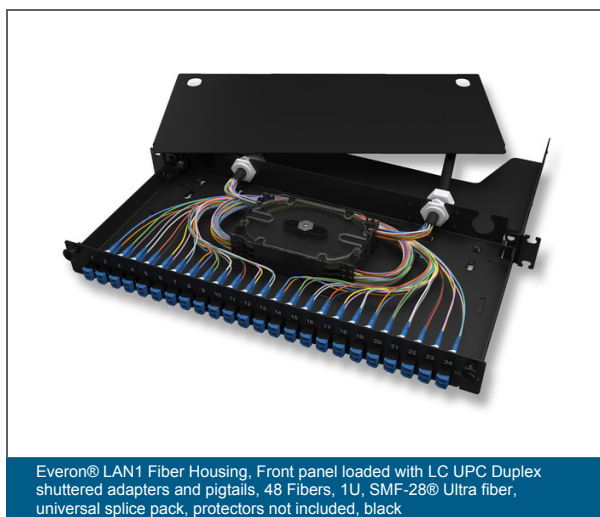
Pigtail splicing, field connectorisation, preterminated cables, Plug& Play™ or EDGE™ trunks can be installed in the same housing

Low installation depth

Mountable in shallow cabinets or racks

Multiple labelling options

Port numbering above and below adapter modules or customised labels



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Specifications

General Specifications

Fiber Category	SMF-28® Ultra
Access Type	Front, top, rear
Lockable	No
Mounting Type	Rack 19-in

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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Environmental Conditions

Temperature Range, Installation	-10 °C to 60 °C (14 °F to 140 °F)
Temperature Range, Operation	-10 °C to 60 °C (14 °F to 140 °F)
Temperature Range, Storage	-10 °C to 60 °C (14 °F to 140 °F)

Design

Fiber Count	48
Splice Tray Type	Universal cassette with organisers for heat-shrink and crimp splice protectors
Housing Material	Aluminum
Additional cable number reachable with accessories	4
Maximum cable number in basic unit with accessories	4
Cable entry type	Prepunched circular
Number of pigtails	48
Number of Splice Trays	4
Pigtail Length	2 m
Adapter Color Front	Blue
Splice Protectors Type	Heat Shrink, Crimp

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Design

Number of Adapters	24
Number of Splice Protectors	0
Total splice capacity	96 universal splices

Design - Adapter

Housing Color	Black
Keyed adapter	No
Shuttered adapter	Yes
Adapter Type	LC UPC Duplex Shuttered

Specifications - Connector A

Connector Type	LC UPC
Polish	UPC
Insertion Loss, Max.	0.25 dB

Specifications - Connector B

Polish	UPC
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Dimensions

Height	44 mm
Width	483 mm
Depth	233 mm

Ordering Information

Product Number	LAN1-48AE-PGTL-B
Package Contents	LANscape Fiber Housing with adapters, splice packs including colored pigtails, 1x M20 cable gland and basic accessories

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Ordering Information	
Height Unit	1 U
Units per Delivery	1/1
Shipping Height	55 mm
Shipping Width	532 mm
Shipping Depth	350 mm



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