

Everon® LAN1 Fibre Housing Front panel loaded with SC Duplex and pigtails, 48 Fibres, 1U, Multimode OM3/OM4, universal splice pack, protectors not included, black

CORNING

Part Number:
LAN1-48E7-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 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 FTTD/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

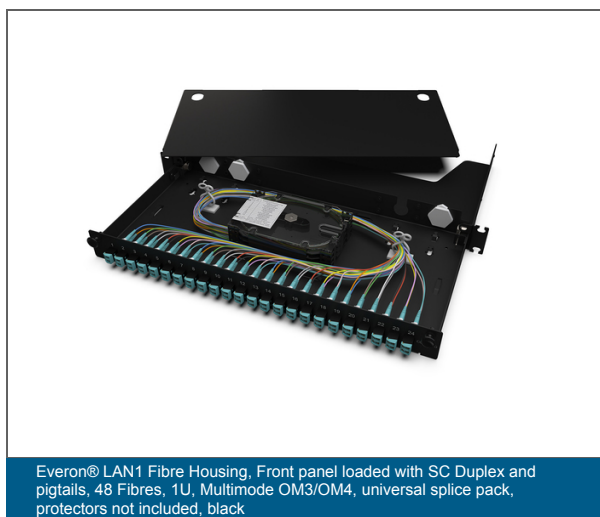
Pigtail splicing, field connectorisation, preterminated cables, Plug&Play™ or EDGE™ trunks can be installed in the same housing

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

Fibre category	50 µm MM (OM3/OM4)
Access type	Front, top, rear
Lockable	No
Mounting Type	Rack 19"

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
Temperature range, operation	-10 °C to 60 °C
Temperature range, storage	-10 °C to 60 °C

Design

Fibre count	48
Splice tray type	Universal cassette with organisers for heat-shrink and crimp splice protectors
Additional cable number reached w/accessories	4
Max. cable number in basic unit w/accessories	4
Cable entry type	Prepunched circular
Number of pigtails	48
Number of splice trays	4
Pigtail length	2 m
Adapter colour front	Turquoise
Splice protectors type	Heat shrink, crimp
Number of adapters	24

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Design

Number of splice protectors	0
Total Splice Capacity	48 single-fibre splices

Design - Adapter

Adapter housing colour	Black
Keyed adapter	No
Shuttered adapter	Yes
Adapter type	SC PC Duplex

Specifications - Connector A

Polish	PC
Insertion loss, max.	0.25 dB

Dimensions

Height	44 mm
Width	483 mm
Depth	233 mm

Ordering Information

Product Number	LAN1-48E7-PGTL-B
Package contents	LANscape Fiber Housing with adapters, splice packs including colored pigtails, 1x M20 cable gland and basic accessories
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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