

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 Everon® LAN1 Fibre 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

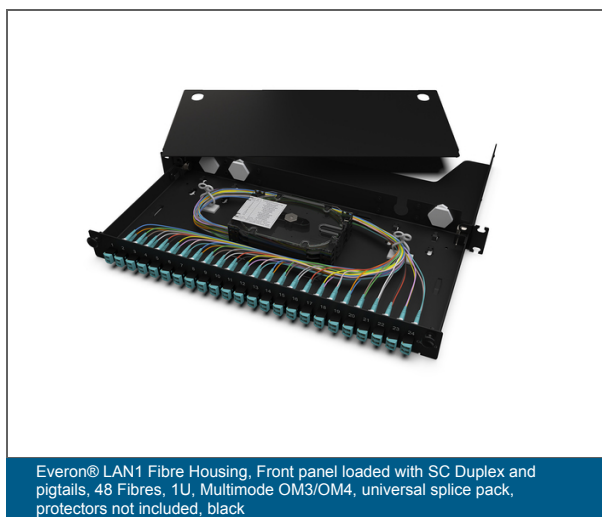
Pigtail splicing, field connectorisation, preterminated cables, Plug&Play™ or EDGE™ trunks can be installed in the same housing

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	
Product type	Housings
Fibre category	50 µm MM (OM3/OM4)
Access type	Front, top, rear
Mounting Type	Rack-mount

Standards	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU

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	
Lockable	No
Fibre count	48
Splice tray type	Universal cassette with organisers for heat-shrink and crimp splice protectors
Housing material	Aluminum & stainless steel
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

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Design	
Adapter type front	SC duplex
Splice protectors type	Heat shrink, crimp
Number of adapters	24
Number of splice protectors	0
Total Splice Capacity	48 single-fibre splices

Design - Adapter	
Adapter housing colour	Black
Adapter housing material	Aluminum & stainless steel
Keyed adapter	No
Shuttered adapter	Yes
Adapter type	SC PC Duplex

Specifications - Connector A	
Connector type	SC
Polish	PC
Endface type	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
Height Unit	1 U

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Ordering Information	
Package contents	Everon LAN1 Fiber Housing with adapters, splice packs including colored pigtails, 1x M20 cable gland and basic accessories
Shipping Height	55 mm
Shipping Width	532 mm
Shipping Depth	350 mm
Units per delivery	1/1



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