

# Everon® LAN1 Fibre Housing Front panel loaded with LC UPC Duplex shuttered adapters and pigtails, 12 Fibres, 1U, SMF-28® Ultra fibre, universal splice pack, protectors not included, black

CORNING

**Part Number:**  
**LAN1-12AE-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 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

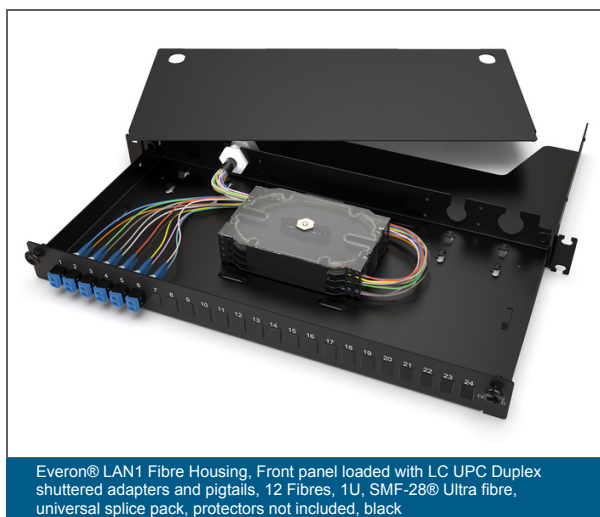
Pigtail splicing, field connectorisation, preterminated cables, Plug&Play™ or EDGE™ trunks can be installed in the same housing

### 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

|                |                  |
|----------------|------------------|
| Product type   | Housings         |
| Fibre category | SMF-28® Ultra    |
| 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                                   | 12                                                                             |
| Splice tray type                              | Universal cassette with organisers for heat-shrink and crimp splice protectors |
| Housing material                              | Aluminum                                                                       |
| Additional cable number reached w/accessories | 4                                                                              |
| Max. cable number in basic unit w/accessories | 4                                                                              |
| Cable entry type                              | Prepunched circular                                                            |
| Number of pigtails                            | 12                                                                             |
| Number of splice trays                        | 1                                                                              |
| Pigtail length                                | 2 m                                                                            |
| Adapter colour front                          | Blue                                                                           |

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#### Design

|                             |                         |
|-----------------------------|-------------------------|
| Adapter type front          | LC UPC duplex shuttered |
| Splice protectors type      | Heat shrink, crimp      |
| Number of adapters          | 6                       |
| Number of splice protectors | 0                       |
| Total Splice Capacity       | 12 universal splices    |

#### Design - Adapter

|                        |                         |
|------------------------|-------------------------|
| Adapter housing colour | 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 |
|--------|-----|

#### Dimensions

|        |        |
|--------|--------|
| Height | 44 mm  |
| Width  | 483 mm |
| Depth  | 233 mm |

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| Ordering Information |                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------|
| Product Number       | LAN1-12AE-PGTL-B                                                                                                           |
| Height Unit          | 1 U                                                                                                                        |
| 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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