

Product datasheet:

Mains distributor NVt, 96 fibres, HS, 48 outlets, IP65

Mains distributor (Gf-NVt)

- Street cabinet:
- 60 - 80 µm polyester powder coating.
- Integrated foundation
- Stainless steel
- Universal ½ Euro-cylinder
- Weatherproof mounting panel
- Removable front panel
- Pre-assembled fixing points for ducts and cables.
- FM Box:
- 48 hybrid entry ports Ø 3,0 - 8,0 mm.
- Flexibility in the FTTX concept.
- Flexibility in fiber network management.
- Integrated strain relief per cable / duct.
- Easy entry seal for each individual cable or duct.
- Structured management of cables, fibres and welding protectors.
- Suitable for direct buried customer cables and ducts
- Easy to install.
- Save on working time
- IP65 Waterproof
- Impact-resistant.
- Scope of delivery: Gf-NVt, FMB including splice cassettes, 4x stainless steel bolts, sealing material, moisture absorber



Power distribution box consisting of distribution cabinet and splice distributor housing (FMB – Fibre Management Box). Removable front door provides quick access when needed. Lock with profile half cylinder secures against unauthorised access. Two-part design, 1/3 of the distributor is buried below ground level. Distribution cabinet made of stainless steel with 60–80 µm polyester powder coating. Overlength management of 6,300 mm of cable or conduit systems is carried out in the distribution cabinet via a pre-assembled cable and conduit guidance system. Stainless steel mounting wall for fixing the splice distributor housing (FMB). Network distributor complies with protection class IP65.

Splice distributor housing with cover (FMB) for providing a slot for up to 2x fibre optic main cables with a diameter of 4.5 to 8.3 mm and 1x additional break-out opening for diameters M12/16/20/25. 48x outputs with integrated strain relief and holder for individual pull-through sealing for fibre optic cables and microducts with a diameter of 3.0 to 8.0 mm. Cover plugs for unused outputs, dustproof and waterproof closing. Mounting rail for slots to hold up to 4x splice cassette holders. Splice cassette holders for up to 2x splice cassettes (12x fibre optic cables per splice cassette) with a height of 8 mm. Pre-mounted Velcro fastener tape for securing the splice cassettes. Storage for heat-shrink tubing splice protection. Accommodates up to 96x optical fibres and splices distributed across 8x splice cassettes .

Dimensions: 1170 x 500 x 250 mm (LxWxH)

Colour: Grey (RAL 7035)

Scope of delivery: Network distributor, splice distributor housing with cover including splice cassettes (pre-assembled), 4 screws, mounting bracket

Installation type: Above ground

Degree of protection: IP65

Chemical resistance: Yes

Vibration resistance: Yes

Impact resistance: Yes

Halogen-free: Yes

Total fibre count: 96

Fibre count: 12 (splice cassette)

Number of splice cassettes: 8

Splice cassette height: 8 mm

Cascadable (loop function): No

Product datasheet:

Loop length: 300 mm (splice cassette)
 Bending radius: R = 30 mm (splice cassette)
 Splice protection holder: HS heat-shrink tubing
 Number of cable/conduit inlets: 2
 Cable/conduit inlet Ø: 4.5 – 8.3 mm
 Number of cable/conduit break-out openings: 1
 Cable/conduit break-out opening Ø: M12/16/20/25
 Number of cable/conduit outlets: 48
 Cable/conduit outlet Ø: 3.0 – 8.0 mm
 Mounting option: Screw attachment
 Storage temperature range: -10 °C / +50 °C
 Installation temperature range: -10 °C / +50 °C
 Operating temperature range: -20 °C / +60 °C

Article number:  **AT29311**

EAN: 8712259375267

Price group: 710

Dimensions / Form

Product length: 250 mm

Product width: 500 mm

Product depth: 1170 mm

Connections / Entries

For conduit Ø: 12 mm

Safety / Properties

Halogen-free: Yes

Vibration resistance: Yes

Chemical resistance: Yes

Vibration/sharpness definition: Yes

Features

Network level: 3

Splice cassette quantity: 8

Number of fibres (max.): 96

Approvals / Certifications

Protection class: IP65

Storage / Installation / Operation

Minimum storage temperature: -10 °C

Maximum storage temperature: 50 °C

Minimum installation temperature: -10 °C

Installation temperature max.: 50 °C

Minimum operating temperature: -20 °C

Maximum operating temperature: 60 °C

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The mains distributor by the KAISER GROUP is suitable for installation in streets or at crossroads. The advantage over underground distribution points is quick and easy access. Subsequent splicing, cable or conduit laying can be carried out without great effort. The splice distributor box with cover has the protection class IP65 and is protected against dust and water ingress.