

Product datasheet:

Fibre management plate FMP, 48 fibres, HS, 24 outlets, loop

Hybrid FiberManagement Plate

- 24 hybrid entry ports Ø3.0 - 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 fibre optic management.
- IP68
- Easy to install.
- Window Cut.
- Scope of delivery: FMP including splice cassettes, 4x mounting screws, sealing material, moisture absorber



Splice distributor housing (FMP) suitable for installation in underground distribution points (supply sleeve, AT29030). Has 2 slots for up to 2x fibre optic main cables with a diameter of 4.5 to 8.3 mm and 2x additional break-out openings for diameters of 20 mm/25 mm. 24x 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 HS heat-shrink tubing splice protection. Slot accommodates up to 48x optical fibres and splices distributed across 4x splice cassettes. Loop function for cascading (window cut-out) the main optical fibre cable .



Dimensions: 380 x 220 x 130 mm (LxWxH)

Weight: 2000 g

Colour: Transparent / grey

Scope of delivery: Splice distributor housing including splice cassettes (pre-assembled),

4x screws, sealing material, moisture absorber

Protection class: IP68 (in AT29030 supply sleeve)

Halogen-free: Yes

Total number of fibres: 48

Number of fibres: 12 (splice cassette)

Number of splice cassettes: 4

Splice cassette height: 8 mm

Loop length: 300 mm (splice cassette)

Bending radius: R = 30 mm (splice cassette)

Splice protection holder: HS heat-shrink tubing

Cascadable (loop function): Yes

Number of cable/conduit inputs: 2

Cable/conduit input Ø: 4.5 – 8.3 mm

Number of cable/conduit break-out openings: 2

Cable/conduit break-out opening Ø: 20/25 mm

Cable/conduit outlet number: 24

Cable/conduit outlet Ø: 3.0 – 8.0 mm

Storage temperature range: -10 °C / +60 °C

Installation temperature range: -10 °C / +60 °C

Operating temperature range: -20 °C / +60 °C

Article number:  **AT29331**

EAN: 8712259362779

Dimensions / Form

Product length: 380 mm

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Product width:	220 mm
Product depth:	130 mm

Connections / Entries

For conduit Ø:	25 mm
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Safety / Properties

Halogen-free:	Yes
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Features

Network level:	3
Splice cassette quantity:	4
Number of fibres (max.):	48

Approvals / Certifications

Protection class:	IP68
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Storage / Installation / Operation

Minimum storage temperature:	-10 °C
Maximum storage temperature:	60 °C
Minimum installation temperature:	-10 °C
Installation temperature max.:	60 °C
Minimum operating temperature:	-20 °C
Maximum operating temperature:	60 °C

The FiberManagement Plate(FMP) has been developed to simplify logistical planning when installing the fibre-to-the-home network by separating the road construction phase from the final assembly of the fibre optic cables at a later stage. Cable or electric cable installers store the required excess lengths of fibre optic cable or conduits in a sturdy plastic housing that provides protection against subsequent earthworks. The buried supply sleeve complies with EN 124 standard, group 2. Reliable With the excess length stored, the connection technician can work in a protected environment. The connection engineer uses a separately available fibre management plate (FMP), which he mounts on the underside of the cover, after which he returns the excess length to the housing. This FMP is also available with a window cut-out, allowing the supply sleeve to be laid in a cascade pattern and also providing a solution for FttX situations such as on company premises, at telecommunications masts and on tracks/stations. The supply sleeve in combination with the Fibre Management Plate is protected against water damage in seven ways, making it the most reliable solution for all FttX situations. The supply sleeve is suitable for a maximum of 48 (customer) connections. Structured and protected The incoming and outgoing fibre optic cables retain their mechanical strength and watertightness up to the insertion frame. From this point, the connection technician quickly and easily inserts each stripped customer cable into a separate, flexible, watertight entry grommet with integrated strain relief. Port numbers are marked on the front and back of the frame to ensure the correct coding sequence. The strength member of the mini cable is installed in a pre-assembled strain relief. The installer then routes the electric cables and fibre optics in a structured and protected manner via the attached connections to the pre-assembled splice cassettes. Colour coding The integrated strain relief is custom-made for the diameter of the customer cable according to a specific FttH concept from the respective system integrator. Colour coding is used for this element to ensure good visibility. A universal blind plug is attached to the cable entry grommets without cables. The connection installer fixes the fibre management plate to the underside of the very sturdy cover. The O-ring sealing and flexible cable entry grommets provide the welding chamber with waterproof protection against

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groundwater. Sealing with IP68 up to a water column of one (1) metre is guaranteed. Thanks to the pre-assembly of the elements at the factory, the installer receives a ready-to-use unit. For even greater ease of use, combs are supplied to help sort the fibre optics before connecting them.