

Product datasheet:

Distribution closure, housing underground for FMP, IP68

Hybrid FiberManagement Plate

- Easy assembly.
- Scope of delivery: distribution closure, sand seal

Supply sleeve (distribution point, underground) consisting of 3 parts, base plate, housing body and housing cover. Has a slot for the splice distributor housing (FMP). The supply sleeve can be used in combination with the splice distributor housing as a distribution point in the FTTH street distribution network. The splice distribution housing (FMP) is mounted in the housing cover. The splice distribution housing (FMP) with sealing ring in the housing cover complies with protection class IP68. The immersion bell principle protects the splice connection against external influences. The housing cover locks onto the housing body with 2x slide locks. The detection coil (frequency 101.4 kHz) installed in the housing cover enables subsequent location. The supply sleeve complies with standard EN 124-1:2015 Group 2. Compliance with a minimum ground cover of 300 mm and a maximum installation depth of 1,800 mm is mandatory. Fibre optic cables and pipe systems are accommodated via 4x slots (2x slots on each side). The foam seal for the inlet/outlet is included in the scope of delivery. The excess length of up to 6,000 mm for fibre optic cables and pipe systems is stored in the housing body (storage in loops) .



Dimensions: 900 x 350 x 300 mm (LxWxH)
Weight: 10,000 g
Colour: Black/grey
Scope of delivery: Supply sleeve, 4x sand seal
Installation type: Underground
Protection class: IP68
Excess length management: 6,000 mm
Chemical resistance: Yes
Vibration resistance: Yes
Impact resistance: IK07
Halogen-free: Yes
Number of cable/conduit entries: 4
Cable/conduit entry properties: Sand-tight
Cable/conduit entry bending resistance: Yes
Cable/conduit entry Ø: 38x 7.0 mm, 2x 14/10 mm
Housing closure: Lock
Location: 101.4 kHz detection coil in the cover
Standard: EN 124-1:2015 Group 2
Ground cover (min.): 300 mm
Installation depth (max.): 1,800 mm
Storage temperature range: -10 °C / +60 °C
Installation temperature range: -10 °C / +60 °C
Operating temperature range: -20 °C / +60 °C

Article number: **AT29030**

EAN: 8712259295503

Price group: 710

Dimensions / Form

Product length:	900 mm
Product width:	350 mm
Product depth:	300 mm

Product datasheet:

Safety / Properties

Halogen-free:	Yes
Vibration resistance:	Yes
Chemical resistance:	Yes
Vibration/sharpness definition:	Yes
Standard:	EN 124-1:2015 Group 2

Features

Network level:	3
Housing closure:	Lock

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 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.

Product datasheet:

- Flexibility in the management of fibre optic networks
- Plug & Play installation
- Flexibility for the in-house concept