

Product datasheet:

Repair sleeve CFD, conduit 7.0 - 8.0 mm, HS, IP68

Coupling-/repair closures

- Compact dimensions: Ø 85 mm x 155 mm
- IP68 waterproof, according to EN 60529
- Suitable for pipe diameters Ø 7 mm - Ø 8 mm
- Integrated strain relief per tube
- Cassette is suitable for fiber optic with R = 22.5 mm
- The splice tray capacity is 6 splice protectors heat shrink Ø 2.4 mm x 45 mm.
- User-friendly installation
- Universally applicable
- Impact resistant
- Scope of delivery: repair sleeve

Repair sleeve is used for extension or repair of fibre optic connection or customer cables in microducts. Complies with protection class IP68. Sealing and closure are achieved by means of a twist lock. For use underground and above ground in combination with surface-mounted mounting bracket (AT29027). Entrance and exit with integrated strain relief for microducts with a diameter of 7.0 to 8.0 mm. Slot accommodates up to 6x fibre optics and splices distributed across 1x splice cassette. Splice protection holder is designed for HS heat-shrink tubing protection.

Dimensions: 155 x 85 mm (LxW)

Weight: 165 g

Colour: Black/grey

Scope of delivery: Repair sleeve

Installation type: Underground

Above ground (surface-mounted bracket)

Protection class: IP68

Chemical resistance: Yes

Vibration resistance: Yes

Impact resistance: IK09

Halogen-free: Yes

Design: Conduit

Number of fibres: 6

Loop length: 230 mm (splice cassette)

Bending radius: R = 22.5 mm (splice cassette)

Splice protection holder: Heat-shrink tubing

Cable/conduit entry number: 2

Cable/conduit entry properties: Sand/waterproof

Cable/conduit entry bend resistance: Yes

Cable/conduit entry Ø: 7.0 – 8.0 mm

Housing closure: twist lock

Standard: EN 124-1:2015 Group 2

Storage temperature range: -10 °C / +50 °C

Installation temperature range: -10 °C / +50 °C

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



Assembly instructions



Technical information

Article number: **AT29018**

EAN: 8712259335643

Packaging quantity: 25

Dimensions / Form

Product length: 155 mm

Product width: 85 mm

Product datasheet:

Safety / Properties

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

Features

Network level:	3
Splice cassette quantity:	1
Number of fibres (max.):	6
Microtube size (max.):	8 mm
Housing closure:	Twist lock

Approvals / Certifications

Protection class:	IP68
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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

ETIM Product classification: Fibre optic distribution box

Suitable for number of fibres:	6
Type of coupler:	Fusion splice
Material:	Plastic
Separated compartments:	No
Lockable:	No
Degree of protection (IP):	IP68
Degree of protection (NEMA):	

Below-ground Fiber-to-the-Home networks are expanding at a steady rate. The European plans for the future are very ambitious. The more customer connection cables or ducts will be installed, the higher the risk that during the installation or afterwards failures due to excavation works will occur. In such event, it is of vital importance that the splice mechanic is able to repair the problem rapidly and in a compact manner. Next to repairing the closures can also be used for extending and/or connecting customer connection cables or ducts. This above-ground as well below-ground. Due to the universal character of the closures you will keep freedom of choice regarding the FttH concept. The clear sequence of actions enables the splice mechanic to execute his works rapidly and faultlessly using a compact closure. The IP68 waterproofness has been tested

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according to EN 60529.