

DATASHEET

Compact Fiber Dome Duct 7 - 8mm

Article number: AT29018

Product description

The Compact Fiber Dome – Duct is used to connect, repair or extend the direct buried Fiber to the Home duct.

Suitable for 1 duct in and 1 duct out up to max 6 optical fibers. R = 22,5mm.

Duct diameters: Ø 7mm – Ø 8mm (Ø -0,2 / Ø +0,4 mm)

Splice tray capacity:

6 splice protectors heatshrink Ø 2,4 mm x 45 mm.

Features and Benefit

- Easy to install
- Universal applicable
- Suitable for splice protectors heatshrink Ø2,4mm x 45mm
- Orderly assembly sequence
- Integrated duct retention
- Box dimensions 590 x 390 x 200mm
- Ingress protection IP68
- Impact resistant
- Halogen-free



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Packaging

Compact fiber domes per cardboard: 25 pcs
 EAN-number: 8712259335643
 Cardboard dimensions: 590 x 390 x 200 mm
 Each Compact Fiber Dome is packed in a transparent sealed bag.

All products suitably packed in recyclable materials and clearly labelled with Attema article number and description.

Physical characteristics

Color: Dome: black
 Base & splice tray: dark grey
 Material: Polypropylene Fiberglass
 Diameter closure Ø85mm
 Length closure 155mm
 Weight: 0,165 kg
 Duct diameters: Ø 7 mm – Ø 8 mm (Ø -0,2 / Ø +0,4 mm)
 Number of duct ports: 2 (1 in / 1 out)
 Number of fibers: 6
 Splice tray capacity: 6 splice protectors heatshrink Ø 2,4 mm x 45 mm.

Fiber bending radius: R = 22,5mm
 Looping length of fibers: 23 cm

Technical characteristics

Duct retention 7mm: >156N
 8mm: >178N

Duct torsion: 90 degrees, 400mm
 No degradation, no leakage.

Impact: IK09
 No degradation, no leakage.

Crush resistance: 1000N and,
 Copes with the load mentioned in EN124 classification B125 under the following conditions:
 - Sandcoverage at least 30cm
 - Fiber repair dome is embedded in sand

Water immersion: IP68, EN 60529
 Water depth 1 meter, 7 days, no leakage

Chemical Resistance: 5%HCL, 5%NaOH, 5%NaCl
 Kerosene (lamp oil), petroleum jelly,
 diesel for cars EN590.
 24 hours, no leakage

Vibration: 10 Hz, Amplitude 3mm, during 10 days,
 No failure

Temperature: Storage -10 °C / + 50 °C
 Installation -10 °C / + 50 °C
 In use -20 °C / + 60 °C

Permanent UV radiation may influence the properties of this product.

After opening, the foam O-ring can be used again, if no damage is noticeable.

END OF DATASHEET

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