

DATASHEET

Compact Fiber Dome Duct 7 - 8mm

Article number: 29018



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.

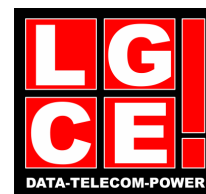
Features and Benefit

- 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.

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.