

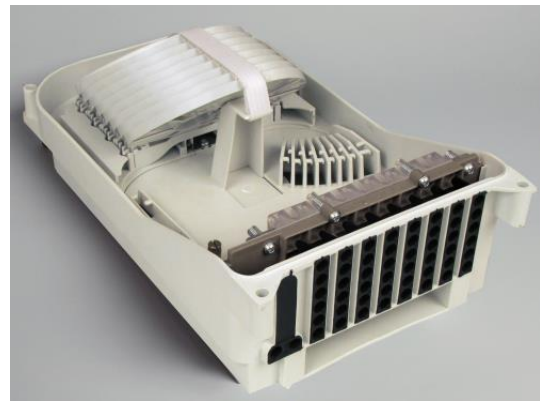
DATASHEET

FttH Distribution Closure, 29030 + 29049 Ø7,0 mm - 96HS / 8mm

Product Description



Closure for overlength 29030



FiberManagement back plate 29049

The Fibre to the Home Distribution Closure is a direct buried closure developed for the application of 2 Ø14/10mm direct buried feeder ducts and up to 48 direct buried FttH subscriber drop cables. The closure provides an underground space for the overlength of the blown 96FO minicables and direct buried drop cables. Its compact size fits in the ditch and is easy installed by civil workers. A quick startup of the first phase can be achieved because the closure is independent of the FttH concept.

The standard location marker eases precise digging for each further process step. Cable overlength enables fusion splicing in a controlled environment above the ground.

The FiberManagement back plate provides an easy entry watertight seal and integrated cable retention for each individual cable. After the splicing the FM back plate is mounted watertight on the inside of the black protective lid and the cables are reeled in the underground closure.

Suitable for 2 incoming 96FO minicables and maximum 48 direct buried drop cables out. Maximum splice capacity 96 heatshrink splice protectors.

Features Closure

- Compact in size
- Direct buried
- Standard with a location marker (Telecom) 101,4 kHz
- Protection of underground cable overlength
- Crush resistant
- Impact resistant
- Halogen-free

Benefits Closure

- Universal product for civil workers independent of FttH concept
- Easy to install
- Saving labour costs
- No special tools required
- Easy access to the cable overlength in the ground



Features FM back plate

- Easy to install
- Structured management of cables and fusion splices
- Integrated cable retention
- Protection class IP 68
- Halogen-free

Benefits FM back plate

- Easy access to the closure in the ground
- Ready to start kit
- Easy entry seal for each individual cable
- Saving labour costs
- No specials tools required

Product codes

29030, FttH Distribution Closure

Including: base plate, housing, lid with location marker, hook-and-loop cable bundlers and sand filter foam seals. All parts are packed in order of assembly. Delivered in cardboard box.

FiberManagement back plate for drop cable $\varnothing 7,0 \pm 0,2$ mm.

Including: back plate, 4 stainless steel bolts, 8 splice trays, 10 cable dummies (red), 1 moisture absorbent. Delivered in cardboard box.

29049, FiberManagement back plate – 96HS / 8mm splice tray.

Packaging en labelling

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

Physical characteristics

Closure

Dimensions closure: 90 x 35 x 30 cm

Weight closure: 10 kg

Colour Lid: Black

Colour Base plate and Housing: Grey

Maximum quantity cables/ducts (1 inlet) 38x $\varnothing 7,0$ mm (from one side) + 2x DB-duct $\varnothing 14/10$ mm

Location marker: max. 1,80 meter underground

FM back plate

Dimensions FM back plate: 38 x 22 x 13 cm

Weight FM back plate: 2 kg

Colour FM back plate: Transparent/grey

Number of cable ports: 2 feeder cables (1 in / 1 out) + 48 drop cables

Number of splice trays: 8 splice trays

Splice tray capacity 12HS / 8mm: 12 splice protectors heatshrink $\varnothing 2,4$ x 45mm

Fiber bending radius: R = 30mm

Looping length of fibers: 30 cm

Cable diameters:

29049: feeder cable : $\varnothing 6,3$ mm up to including $\varnothing 7,4$ mm

drop cable: $\varnothing 7,0 \pm 0,2$ mm.



Technical characteristics

Cable retention in FM back plate:	Ø 7,0mm > 156N
Cable torsion:	90 degrees, 400mm No degradation, no leakage.
Impact:	20 Joule, steel ball 1 kg, 2 meter height No degradation, no leakage.
Crush resistance:	Copes with the load mentioned in EN124 classification B125 under the following conditions: - Sand coverage at least 30cm. - FttH Distribution Closure is embedded in sand.
Water immersion:	IP68, EN 60529 Water depth 1 meter, 7 days, no leakage
Chemical Resistance:	<i>5%HCL, 5%NaOH, 5%NaCl Kerosene (lamp oil), petroleum jelly, diesel for cars EN590. 24 hours, no leakage</i>
Vibration:	10 Hz, Amplitude 3mm, during 10 days, No failure
Temperature:	Storage – 10 °C / + 60 °C Installation – 10 °C / + 60 °C In use – 20 °C / + 60 °C

Permanent UV radiation may influence the properties of this product.

END OF DATASHEET

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