

DATASHEET

Hybrid Fiber Management Box, AT29361 Ø3-8 mm – 96HS / 8mm

Hybrid Fiber Management Box, AT29362 Ø3-8 mm – 96ANT / 8mm

Hybrid Fiber Management Box, AT29363 Ø3-8 mm – 192ANT / 4mm

Product Description



Hybrid FMB 48v

The hybrid Fiber Management Box (FMB) is developed for the application of max 2 feeder mini-cables and up to 48 direct buried FttX subscriber drop cables or ducts. The FMB includes a metal wall mounting plate.

The Fiber Management back plate provides an easy entry watertight seal and integrated retention for each individual cable or duct from Ø3-8 mm . After the splicing the FM-Box is mounted watertight on a wall or in a street cabinet with the wall mounting plate.

Maximum splice capacity 192 splice protectors sandwich ANT or mini heatshrink or 96 heatshrink splice protectors.

Features FM Box

- Hybrid entry ports Ø3-8 mm
- Integrated cable or duct retention
- Easy entry seal for each individual cable or duct
- Structured management of cables, ducts and fusion splices
- Suitable for direct buried cables or ducts
- Suitable for multiple gas blocks
- Protection class IP65
- Ready to start kit
- Easy to install
- Compact in size
- Impact resistant
- Halogen-free
- Saving labour costs
- No special tools required

Product codes

AT29361, Hybrid FiberManagement back plate – 96HS / 8mm splice tray
 AT29362, Hybrid FiberManagement back plate – 96ANT / 8mm splice tray
 AT29363, Hybrid FiberManagement back plate – 192ANT / 4mm splice tray

FiberManagement back plate for drop cable / duct Ø 3-8 ± 0,1 mm.
 Including: 8 splice trays (16 for art.nr. AT29363), 4 stainless steel bolts, 20 cable dummies (black), 1 moisture absorbent lid with laser warning, a metal wall mounting plate, plate mounting kit with nylon plugs Ø6mm and stainless steel screws. Delivered in cardboard box.

Packaging en labelling

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

Physical characteristics

Dimensions FM Box:	39 x 22 x 15 cm
Weight FM Box:	3 kg
Wall mounting plate:	Stainless steel plate
Colour:	Grey
Number of cable / duct ports:	2x feeder cable (1 in / 1 out) + 48 cables or ducts + 1 extra break-out port for a M12/M16/M20 cable gland (fixation with a lock-nut) or a M25 (with internal screw thread)
Number of splice trays:	8 splice trays (16 for art.nr. AT29363)
Splice tray capacity 12HS / 8mm:	12 splice protectors heatshrink Ø2,4 x 45mm
Splice tray capacity 12ANT / 8mm:	12 splice protectors ANT or mini heatshrink
Splice tray capacity 12ANT / 4mm:	12 splice protectors ANT or mini heatshrink
Fiber bending radius:	R = 30mm
Looping length of fibres:	30 cm
Feeder cable:	Ø 4,5 mm up to including Ø 8,0 mm
Customer cable / duct	Drop cable / duct: Ø 3,0 – 8,0 ± 0,1 mm.

Technical characteristics

Cable/duct retention in FM back plate:	>66 - 178N (depending on the Ø cable – duct)
Cable torsion:	90 degrees, 400mm No degradation, no leakage.
Impact protection:	IK08, EN 62262 No degradation, no leakage.
Ingress protection:	IP65, EN 60529 No leakage
Vibration:	10 Hz, Amplitude 3mm, during 10 days, No failure
Temperature:	Storage – 10 °C / + 60 °C Installation – 10 °C / + 60 °C In use – 35 °C / + 60 °C

Permanent UV radiation may influence the properties of this product.

END OF DATASHEET

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