

DATASHEET

Hybrid Fiber Management Box, AT29371 Ø3-8 mm – 96ANT / 8mm + Window Cut
 Hybrid Fiber Management Box, AT29372 Ø3-8 mm – 192ANT / 4mm + Window Cut
 Hybrid Fiber Management Box, AT29373 Ø3-8 mm – 96HS / 8mm + Window Cut

Product Description



Hybrid FMB 48v + Window Cut

The hybrid Fiber Management Box (FMB) is suitable for feeder cable (Window Cut) and up to 48 direct buried FttX subscriber drop cables or ducts. The window cut makes it possible to create a Cascade system. 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
- Window Cut
- Ready to start kit
- Easy to install
- Compact in size
- Impact resistant
- Halogen-free
- Saving labour costs
- No specials tools required

Product codes

AT29371, Hybrid FiberManagement back plate (48v) – 96ANT / 8mm splice tray + Window Cut
 AT29372, Hybrid FiberManagement back plate (48v) – 192ANT / 4mm splice tray + Window Cut
 AT29373, Hybrid FiberManagement back plate (48v) – 96HS / 8mm splice tray + Window Cut

FiberManagement back plate for drop cable / duct $\varnothing 3\text{-}8 \pm 0,1 \text{ mm}$.
 Including: 8 splice trays (16 for art.nr. AT29372), 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 $\varnothing 6\text{mm}$, stainless steel screws and a Window Cut kit. 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:	1 Window Cut + 48 drop cables / ducts
Number of splice trays:	8 splice trays (16 for art.nr. AT29372)
Splice tray capacity 12ANT / 8mm:	12 splice protectors ANT or mini heatshrink
Splice tray capacity 12HS / 8mm:	12 splice protectors heatshrink $\varnothing 2,4 \times 45\text{mm}$
Splice tray capacity 12ANT / 4mm:	12 splice protectors ANT or mini heatshrink
Fiber bending radius:	$R = 30\text{mm}$
Looping length of fibres:	30 cm
Feeder cable:	$\varnothing 4,5 \text{ mm}$ up to including $\varnothing 8,3 \text{ mm}$
Customer cable / duct	Drop cable / duct: $\varnothing 3,0 - 8,0 \pm 0,1 \text{ mm}$.

Technical characteristics

Cable/duct retention in FM back plate:	>66 - 178N (depending on the \varnothing 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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