

DATASHEET

Hybrid Fiber Management Box (48v) + lock, AT29364 Ø3-8 mm – 192ANT / 4mm

Hybrid Fiber Management Box (48v) + lock, AT29374 Ø3-8 mm – 192ANT / 4mm + Window Cut

Hybrid Fiber Management Box (24v) + lock, AT29395 Ø3-8 mm – 192ANT / 4mm + Window Cut



24v + Window Cut



48v + Window Cut



48v

Product Description

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 + lock includes a metal wall mounting plate and the regulatory required cam lock Abloy Protec (required by KPN).

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
- Cam lock Abloy Protec (required by KPN)

Product codes

AT29364, Hybrid FiberManagement Box (48v) + lock – 192ANT / 4mm splice tray
 AT29374, Hybrid FiberManagement Box (48v) + lock – 192ANT / 4mm splice tray + Window Cut
 AT29395, Hybrid FiberManagement Box (28v) + lock – 192ANT / 4mm splice tray + Window Cut

FiberManagement Box + lock for drop cable / duct $\varnothing 3-8 \pm 0,1$ mm.
 Including: 16 splice trays, 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 $\varnothing 6$ mm, stainless steel screws, a premounted cam lock Abloy Protec and a Window Cut kit (except for art. nr. AT29364).
 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: FMB (48v)	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)
FMB (48v) + window cut	1 Window Cut + 48 drop cables / ducts
FMB (24v) + window cut	1 Window Cut + 24 drop cables / ducts + 2 extra break-out ports for a M20/M25 cable gland (fixation with a lock-nut)
Number of splice trays:	16 splice trays
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:	$\varnothing 4,5$ mm up to including $\varnothing 8,3$ mm
Customer cable / duct	Drop cable / duct: $\varnothing 3,0 - 8,0 \pm 0,1$ 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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