

DATASHEET

Midi Fiber Dome (4v) 5,5-10mm

Article numbers:

AT29294 – Midi Fiber Dome (4v) 5,5-10mm (24HS)

AT29295 – Midi Fiber Dome (4v) 5,5-10mm (24ANT)

Product description

The Midi Fiber Dome (MFD) is a direct buried closure used to connect, repair or extend the direct buried Fiber to the Home subscriber drop cables or ducts. This closure is specially designed for less dense areas such as rural areas and therefore has a maximum of 4 FttX connections per MFD. The window cut port makes it possible to use this closure in a cascade system. Being able to directly insert 10mm ducts makes it an ideal solution for the "Förderprojekte" in Germany.

The MFD is provided with an universal easy entry watertight seal and integrated retention for each individual cable or duct.

Features and Benefit

- Easy to install
- Universal applicable
- Orderly assembly sequence
- Universal easy entry watertight seal
- Integrated cable retention
- Ingress protection IP68
- Impact resistant
- Structured fiber management
- Window Cut



Colours

Dome : Black
Base : Dark grey
Closing ring: Red

Packaging

Compact Fiber Domes per cardboard:	1 pcs
Measurements cardboard (LxWxH):	365x195x195

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

Physical characteristics

Diameter closure:	190mm
Length closure:	360mm
Weight:	1.3Kg
Material:	Polypropylene Fiberglass
Number of cable ports:	1 window cut (max 2 in) + 4 out
Cable / duct diameters:	
Feeder side (in)	14,0 – 16,0mm
Customer side (out)	5,5 – 10,0mm
Number of splice trays:	2
Splice tray capacity:	
AT29294	12 splice protectors heatshrink Ø 2,4 mm x 45 mm
AT29295	12 splice protectors ANT or mini heatshrink
Fiber bending radius cassette:	R = 22,5mm
Fiber bending radius window cut:	R = 30,0mm
Looping length of fibers cassette:	30 cm
Looping length of tubes window cut:	40 cm

Technical characteristics

Cable retention:	>122 - 356N (depending on the Ø cable – duct)	
Cable torsion:	90 degrees, 400mm No degradation, no leakage.	
Impact:	IK09 No degradation, no leakage.	
Crush resistance:	1000N	
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 O-ring can be used again, if no damage is noticeable.

END OF DATASHEET

www.attema.com