

# DATASHEET

## Midi Fiber Dome

Article number: 29292



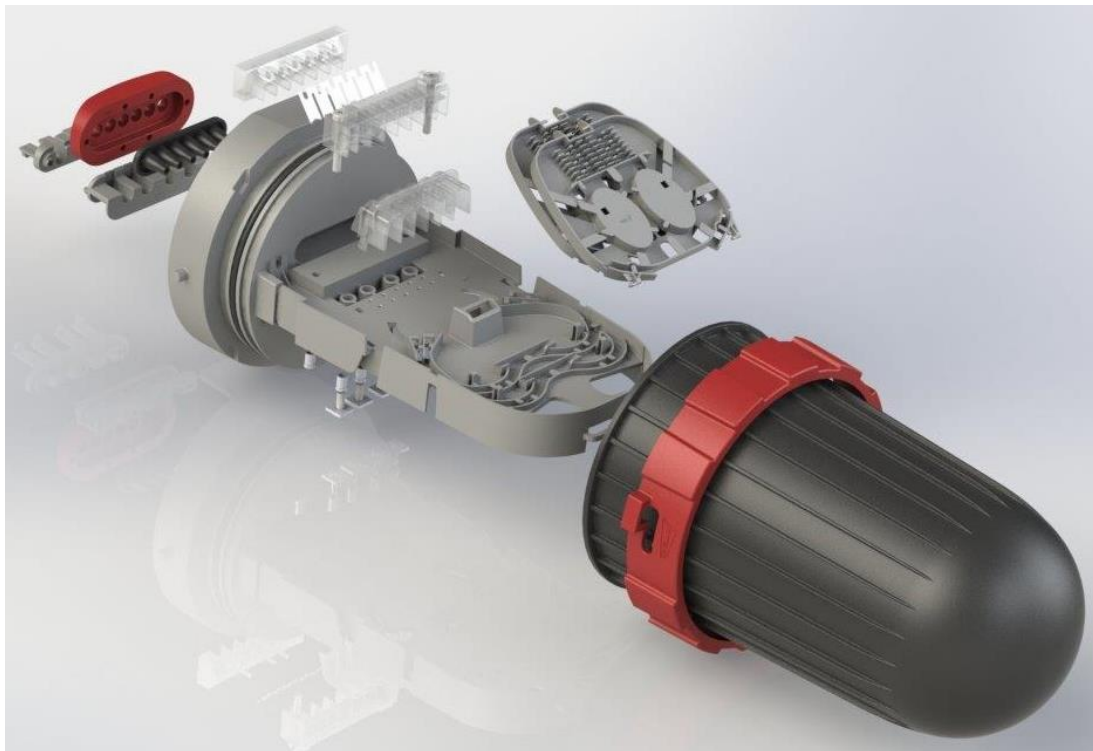
### Product description

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 6 FttX connections per MFD. The window cut port makes it possible to use this closure in a cascade system.

The MFD is provided with an universal easy entry watertight seal and integrated cable 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

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### Packaging

|                                    |               |
|------------------------------------|---------------|
| Compact Fiber Domes per cardboard: | 1 pcs         |
| Measurements cardboard (LxWxH):    | 365x195x195   |
| EAN-number:                        | 8712259357164 |

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                          |
| Cable / duct diameters:             | 2,5 – 7,0mm                                       |
| Number of cable ports:              | 1 window cut (max 4 in) + 6 out                   |
| Number of splice trays:             | 2                                                 |
| Splice tray capacity:               | 12 splice protectors heatshrink Ø 2,4 mm x 45 mm. |
| 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:     | >55 - 155N (depending on the Ø cable – duct according to EN 50411-2-2)                                           |                  |
| Cable torsion:       | 90 degrees, 400mm<br>No degradation, no leakage.                                                                 |                  |
| Impact:              | IK09<br>No degradation, no leakage.                                                                              |                  |
| Crush resistance:    | 1000N                                                                                                            |                  |
| Water immersion:     | IP68, EN 60529<br>Water depth 1 meter, 7 days, no leakage                                                        |                  |
| Chemical Resistance: | 5%HCL, 5%NaOH, 5%NaCl<br>Kerosene (lamp oil), petroleum jelly,<br>diesel for cars EN590.<br>24 hours, no leakage |                  |
| Vibration:           | 10 Hz, Amplitude 3mm, during 10 days,<br>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

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