

**MAUNT**

**M00000099**

**Fiber optic enclosure, GVK, repair compact, 5.0-6.5mm, Attema**



**Description**

This fiber optic enclosure is used to repair, extend or connect a fiber optic drop cable or customer cable, both underground and above ground (in combination with a surface-mounted bracket). The enclosure is suitable for 1 cable in and 1 cable out, with a maximum of 2 fibers distributed across 1 splice cassette. The cable entries have integrated strain relief per cable and the housing is closed with a twist lock. After opening, the foam O-ring can be reused, provided no damage is visible. Permanent exposure to UV radiation may affect the properties of this product.

**Brand**

Attema

### Physical specifications

|                                     |                                                                                           |
|-------------------------------------|-------------------------------------------------------------------------------------------|
| Material                            | Polypropylene, glass fiber reinforced                                                     |
| Colour                              | Lid black, base light grey                                                                |
| Length                              | 155 mm                                                                                    |
| Diameter                            | ø 85 mm                                                                                   |
| Weight                              | 165 g                                                                                     |
| Number of cable entries             | 2 (1 in / 1 out)                                                                          |
| Cable diameter                      | ø 5.0 – 6.5 mm                                                                            |
| Cable entry properties              | Sand and waterproof, kink resistant                                                       |
| Number of splice cassettes          | 1                                                                                         |
| Number of fibers                    | 2                                                                                         |
| Splice capacity                     | 2 splice protectors ANT/mini heat-shrink or 2 heat-shrink splice protectors ø 2.4 x 45 mm |
| Fiber loop length (splice cassette) | 230 mm                                                                                    |
| Housing closure                     | Twist lock                                                                                |

### Mechanical specifications

|                                        |                                                                                                             |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Fiber bending radius (splice cassette) | R = 22.5 mm                                                                                                 |
| Cable strain relief                    | > 150 N                                                                                                     |
| Cable torsion                          | 90°, 400 mm, no degradation, no leakage                                                                     |
| Impact resistance                      | IK09, no degradation, no leakage                                                                            |
| Crush resistance                       | 1000 N; withstands the load according to EN 124 class B125 with at least 30 cm sand cover, embedded in sand |
| Vibration resistance                   | 10 Hz, amplitude 3 mm, 10 days, no failure                                                                  |

### Environmental specifications

|                          |                                                                                                     |
|--------------------------|-----------------------------------------------------------------------------------------------------|
| Operating temperature    | -20°C to +60°C                                                                                      |
| Installation temperature | -10°C to +50°C                                                                                      |
| Storage temperature      | -10°C to +50°C                                                                                      |
| Installation type        | Underground, above ground (with surface-mounted bracket)                                            |
| Chemical resistance      | 5% HCl, 5% NaOH, 5% NaCl, kerosene (lamp oil), petroleum jelly, diesel EN 590; 24 hours, no leakage |

### Classification codes and standards

|                        |                                                                  |
|------------------------|------------------------------------------------------------------|
| Standards              | EN 124-1:2015, group 2                                           |
| Fire safety            | Halogen-free                                                     |
| Protection/Environment | IP68 according to EN 60529 (1 m water depth, 7 days, no leakage) |