

**M00000099**

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



### **Description**

Compact, dome-shaped fiber optic enclosure (Compact Fiber Dome) for repairing and splicing fiber optic cables with a cable diameter of 5 to 6.5 mm. The cables enter through the base and are strain-relieved using a cable clamp and the Kevlar / aramid, after which the fibers are routed through the splice cassette on the fiber holder.

### **Brand**

Attema

### **Components**

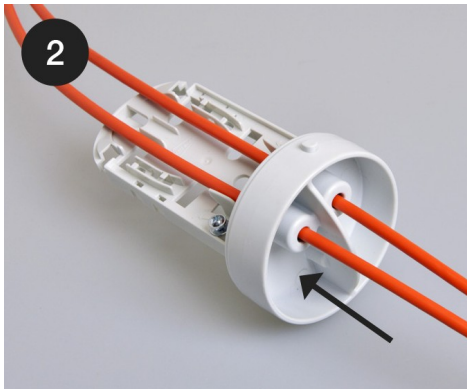
|                                |    |
|--------------------------------|----|
| Cover                          | 1x |
| O-ring                         | 1x |
| Fiber holder                   | 1x |
| Cable clamp with central screw | 1x |
| Screw for Kevlar / aramid      | 2x |
| Base                           | 1x |
| Cable grommet                  | 2x |

### **Cable entry**

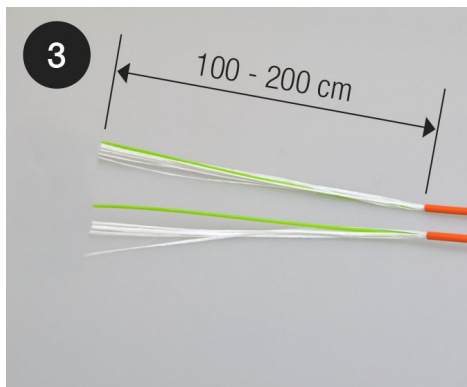
|                         |            |
|-------------------------|------------|
| Cable diameter          | Ø 5-6.5 mm |
| Number of cable entries | 2          |



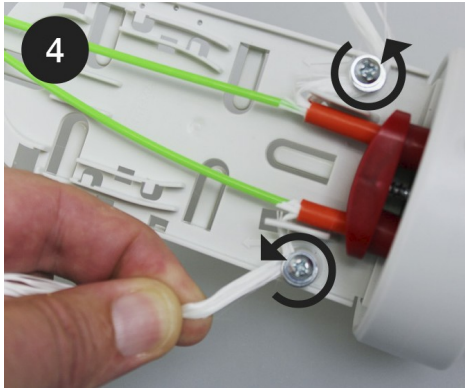
1. Open the enclosure: slide the lock in the direction of the arrow, twist the base loose and pull the cover off the base (fig. 1).



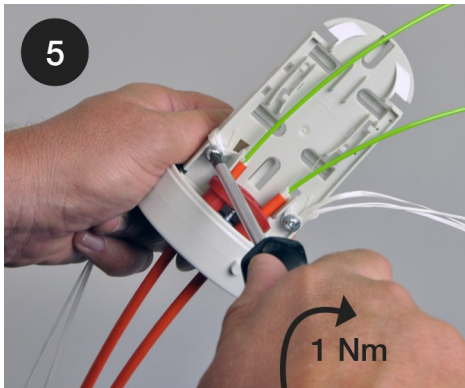
2. Feed both cables through the cable entries of the base (fig. 2).



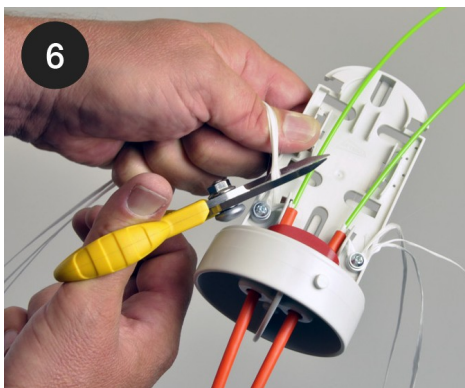
3. Remove the cable sheath over a length of 100-200 cm to expose the tubes and the Kevlar / aramid (fig. 3).



4. Wrap the Kevlar / aramid of both cables around the corresponding screw, in the direction of the arrow (fig. 4).



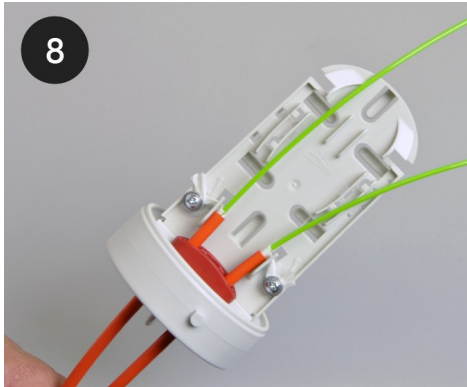
5. Tighten both screws until the Kevlar / aramid no longer slips (fig. 5).



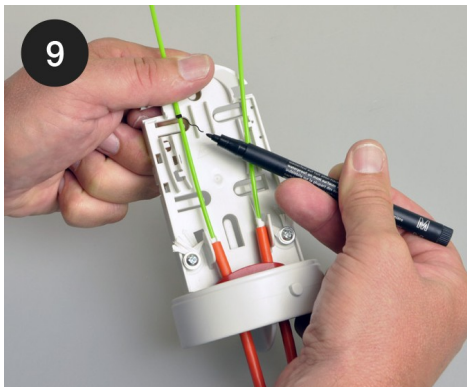
6. Cut off the excess Kevlar / aramid (fig. 6).



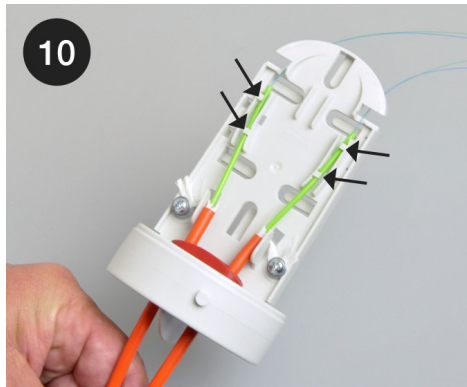
7. Tighten the central screw of the red cable clamp until both cables are held firmly and no longer slip (fig. 7).



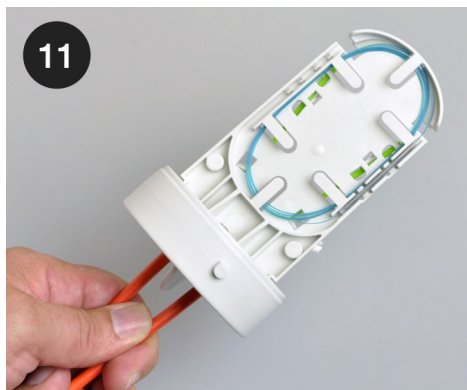
8. Check that both cables are secured in the cable clamp and that the tubes run freely over the fiber holder (fig. 8).



9. Use a marker to mark the tubes where they need to be stripped, as shown in the image (fig. 9).



10. Strip the tubes at the marked point and click the tubes into the clips on the fiber holder, as indicated by the arrows. Route the fibers through the cable passage to the other side of the fiber holder (fig. 10).



11. Route the fibers through the splice cassette. A splice protector can be clicked in on both sides of the splice cassette (fig. 11).



12. Slide the cover over the fiber holder onto the base (fig. 12).



13. Close the enclosure: twist the cover tight until the locking system is in the position indicated by the lower arrow. Then check whether the cover can still be twisted loose (upper arrow). If it can, the cover is not yet properly secured (fig. 13).