Midi Fiber Dome

Instruction manual

Product contents:

- 1x Midi Fiber Dome
- 1x Window Cut port seal
- 1x sealing rubber (long)
- 4x sealing rubber (short)
- 4x stainless steel screw 4 x 25 T20
- 6x dummies (to seal unused ports)
- 1x tube silicone grease

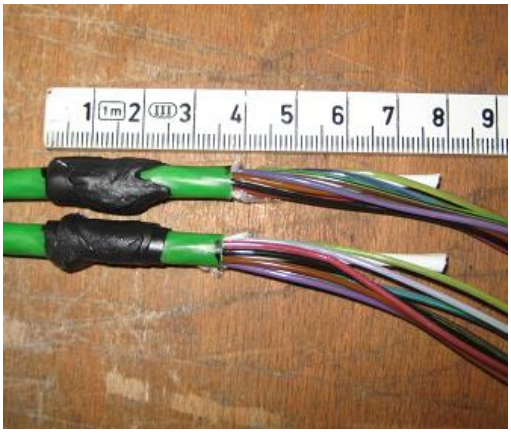
Required tools

- Torx T20 screwdriver
- Clamp
- Measuring tape, permanent marker, cable knife, side-cutting pliers and Kevlar scissors.

Mounting a Midi Fiber Dome

1. Secure the MFD by using a vise or a clamp

   Prepare the cables and/or ducts with the correct length (take the prescribed overlength into account)



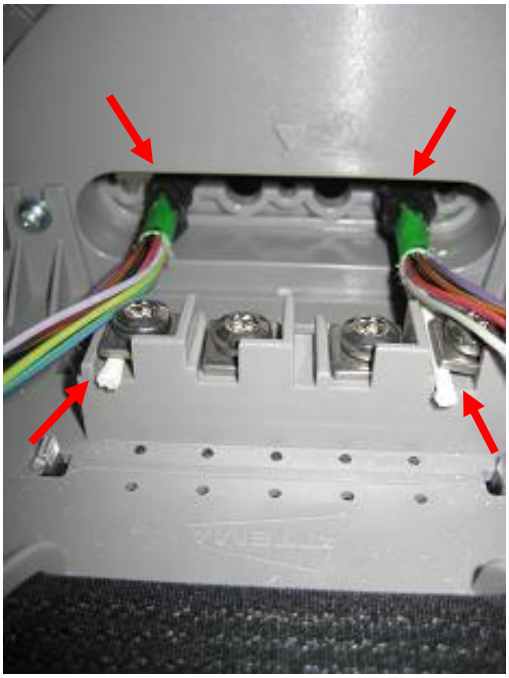
2. Make a window cut in the feeder cable

   Mark the feeder cable at 4cm from the end where the cable was opened

   Place a short peace of the sealing rubber at this markation point

   Shorten the strength element at 4 cm from where the cable was opened

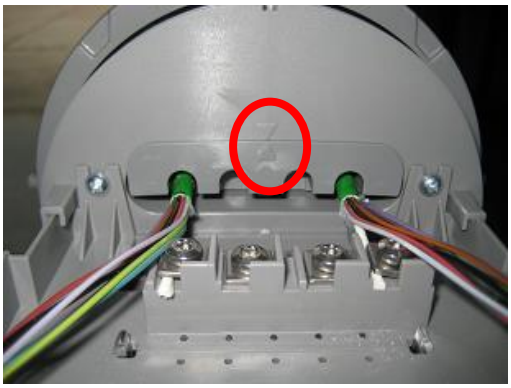
   Attention: in case a window cut is not necessary, carry out step 2 for the single feeder cable



3. Enter the window cut in the Midi Fiber Dome and directly fixate the strength element(s) under the cover plates

   Use a T20 screwdriver to tighten the strength elements under the metal plates

4. Break out the port(s) where a cable has been inserted



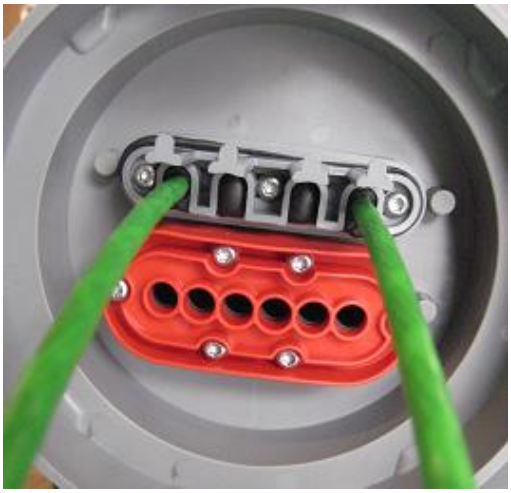
5. Place the inner part of the Window Cut port seal over the feeder cable until the triangles are aligned

6. Roll the long piece of sealing rubber into the shape of a sausage and divide it equally into the port.

7. Fixate the outer part of the Window Cut port seal

   Again use a T20 screwdriver for tightening the 3 screws

   Attention: Hold the inner part of the Window Cut port seal when tightening the 3 screws



8. If a black edge of rubber is visible around the Window Cut port seal, the seal is made correctly.

   If the black edge of rubber is not visible, the rubber is not well divided.

   Port seal must be unscrewed, re-divide rubber (step 6) and step 7 must be re-done until rubber edge is visible

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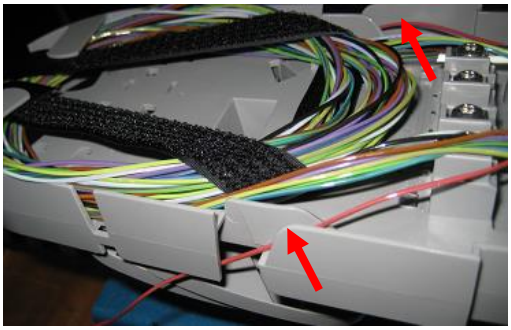
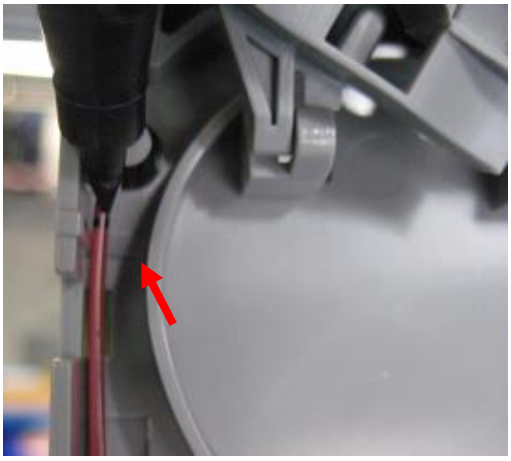
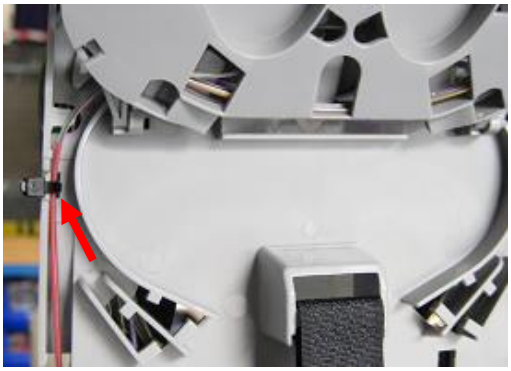
9. Place the overlength of the tubes / fibers that are not being used under the velcro



10. Bring the tubes / fibers that need to be spliced to the other side where the cassettes are placed



11. Strip the tubes from the markation point as shown in the picture



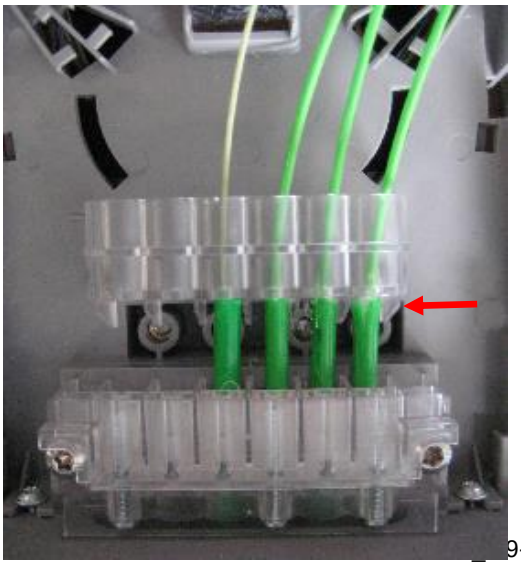
12. The tube(s) can optionally be extra fixated with a tie-wrap

    Attention: do not tighten tie-wrap too tightly

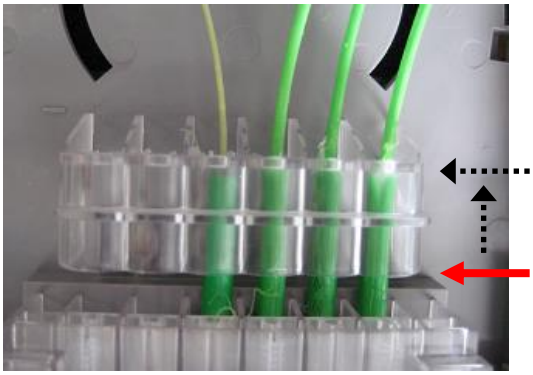
13. Cut the outer sleeve of the cable / duct perpendicularly. There must not be any lengthways cuts past the end.

    Use alcohol to remove any grease from the first 4 cm of the cable / duct

    Rub a thin layer of the silicone grease provided on the outer end of the duct / cable



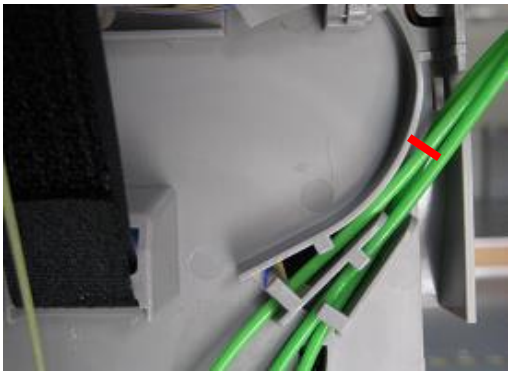
14. Insert the customer cables and / or ducts until the end stop (see red arrow)



In case of DB microduct entry:

Provide gas seal between fiber and duct.

The transparent end stop can be turned around so that the end stop is slightly further (see black arrow) and extra space has been created for a gas seal



15. Strip the tubes at the end of the tube guide (or before the tube guides)

Attention: it is important that tubes are not stripped halfway the tube guide due to the possibility of kinking the tubes

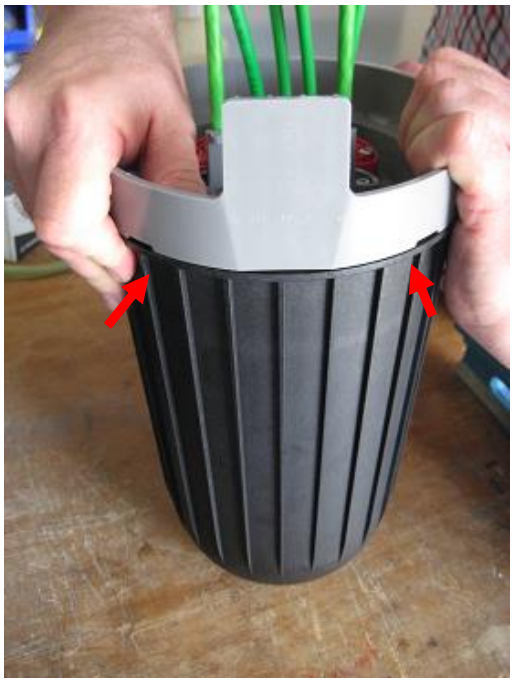
Splice the Fibers according to the instructions.

Place the Fibers in the splice tray according to the splice diagram.

16. Feed the Velcro through the top cassette, and then return it and press it

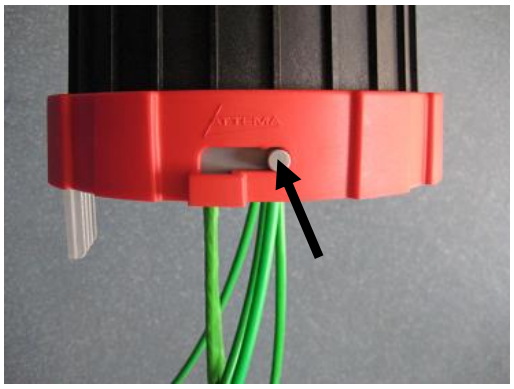
17. Place dummies in the customer ports without a cable / duct

Rub a thin layer of the silicone grease provided on the insert length of the dummy.



18. Place the dome on the bottom

Attention: it is important that the dome is completely connected to the bottom. By placing the top of the dome on, for example, a workbench you can more easily press them together



19. Place the red closing ring over the dome and turn it until it is completely locked

End instruction manual