

People deserve fiber.



FiberTwist

FTU-2000
Installation Guide

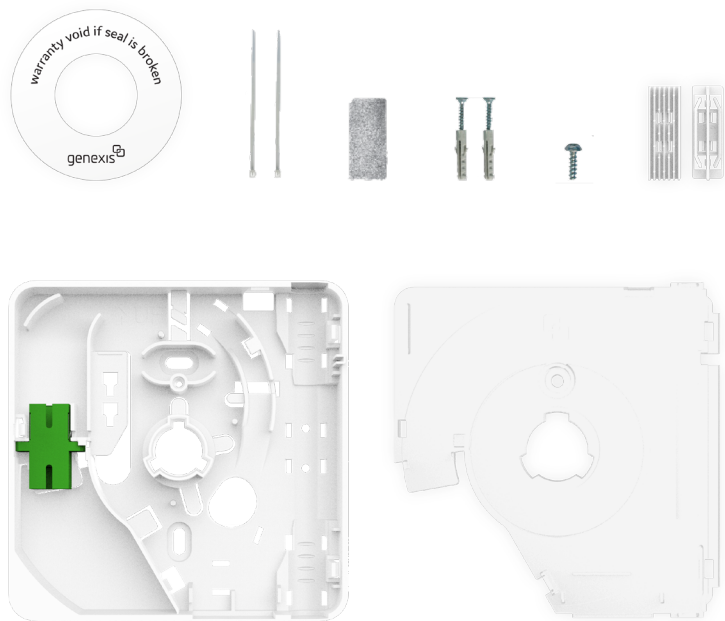


Revision 1.0 - July 2023 - Copyright © 2023 Genexis Netherlands B.V. All rights reserved.

Multiple languages of this document and additional product information are available on
<https://genexis.eu/product/fibertwist/downloads>

Genexis assumes no responsibility for any inaccuracies in this document. Genexis reserves the right to change, modify, transfer, or otherwise revise this publication without notice.

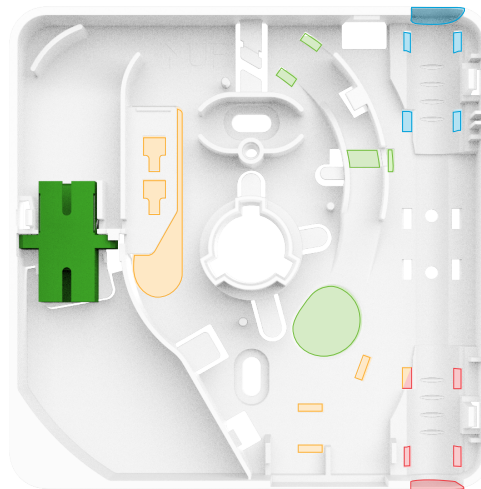
In the box



Installation guide

Choose configuration

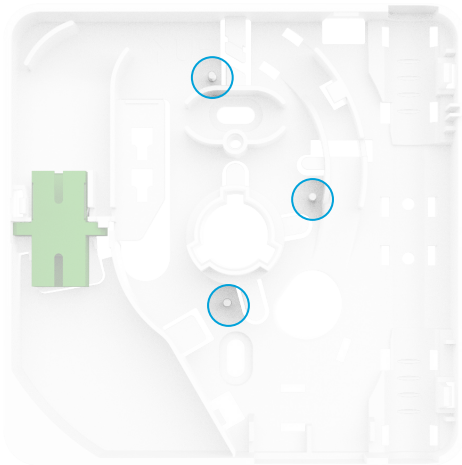
- Choose one of the four ingress ports to use for the feeder fiber.
- If using ingress port 1 or 2, cut out the oblong blank of the FTU.
- For a patch-out, cut out the rectangle blank at the bottom of the FTU.
- Insert 2 zip ties in the set of holes matching your chosen configuration.



- Ingress 1
- Ingress 2
- Ingress 3
- Ingress 4

Thick cable support (optional)

The FTU supports the ability to connect to a – potentially pre-connectorized – thicker cable. If needed, the highlighted pillars can be removed with pliers to create additional room for the thicker cable.

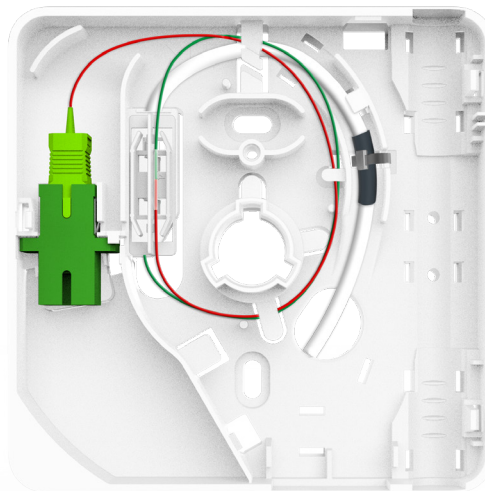


Removable pillars

Attach feeder fiber (indoor cable)

If you are using the indoor cable.

- Use the back ingress (ingress 3) for the fiber.
- Remove sheath so that the transition occurs under the spliceholder.
- Fixate the fiber as shown below with foam and a zip tie.
- Take care of the fiber bending, especially at the transition from cable to fiber.
- Use pillars to guide the fibers in the housing as shown below.

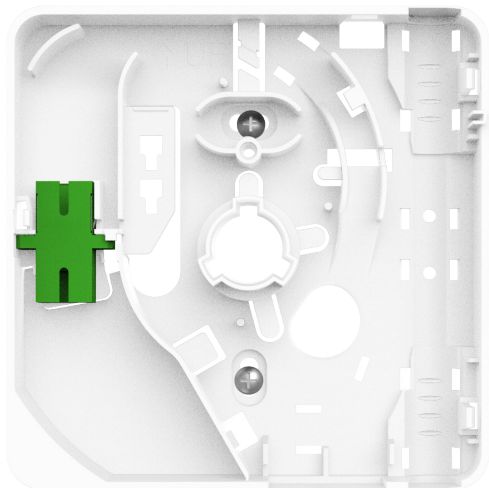


Mount FTU to the wall

Use the drilling template provided to mount the FTU to the wall.

The FTU can also be mounted directly on a wall junction box.

The drilling template is available on <https://genexis.eu/download-portal/#fibertwist>



60 mm

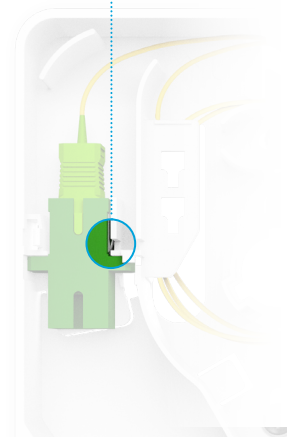


Attach feeder fiber (regular)

If you are using a regular fiber:

- Strip the outer sheath off the feeder fiber.
- If required, install a gasblocker. The gasblocker should rest in the recess.
- Peel the backing off the foam padding before wrapping it around the base of the feeder fiber.
- Position the feeder fiber in the FTU and secure in place using the zip ties. Trim the excess ends off the zip ties.

Clip



Attach pigtail or patch cable

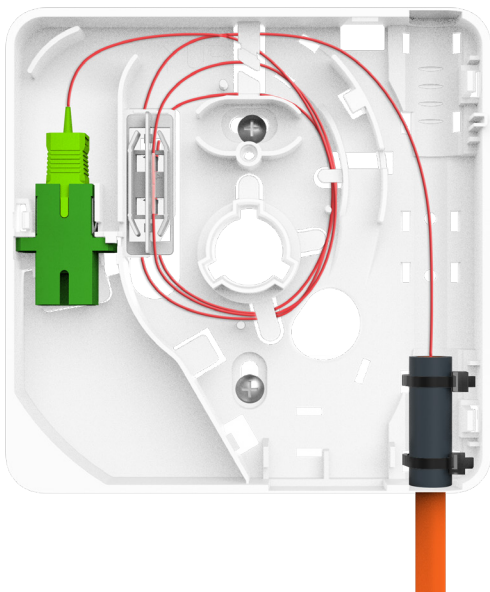
- Remove the SC/APC coupler from the FTU.
- Take the protective cap off the top end and plug the fiber into the coupler.
- Put the coupler and fiber back in the FTU.

There is only one correct way to put the connector back in the FTU:

- The slots must be facing upwards.
- The single metal clip on the right hand side must face towards the middle of the FTU.

Splice fiber(s)

- Place the splice holder.
- Splice the feeder fiber and pigtail together
- Place the splice in the splice holder.
- Store the overlength fiber in the FTU.
- Perform any tests required to guarantee the quality of the splice.
- Use pillars to guide the fibers in the housing as shown below.



Finish installation

- Remove the remaining protective cap from the FiberTwist coupler.
- Click the transparent cover on the FTU.
- Fasten the cover to the baseplate with the screw provided.
- Place the warranty seal over the screw.
- Install the active unit or blind cover.

