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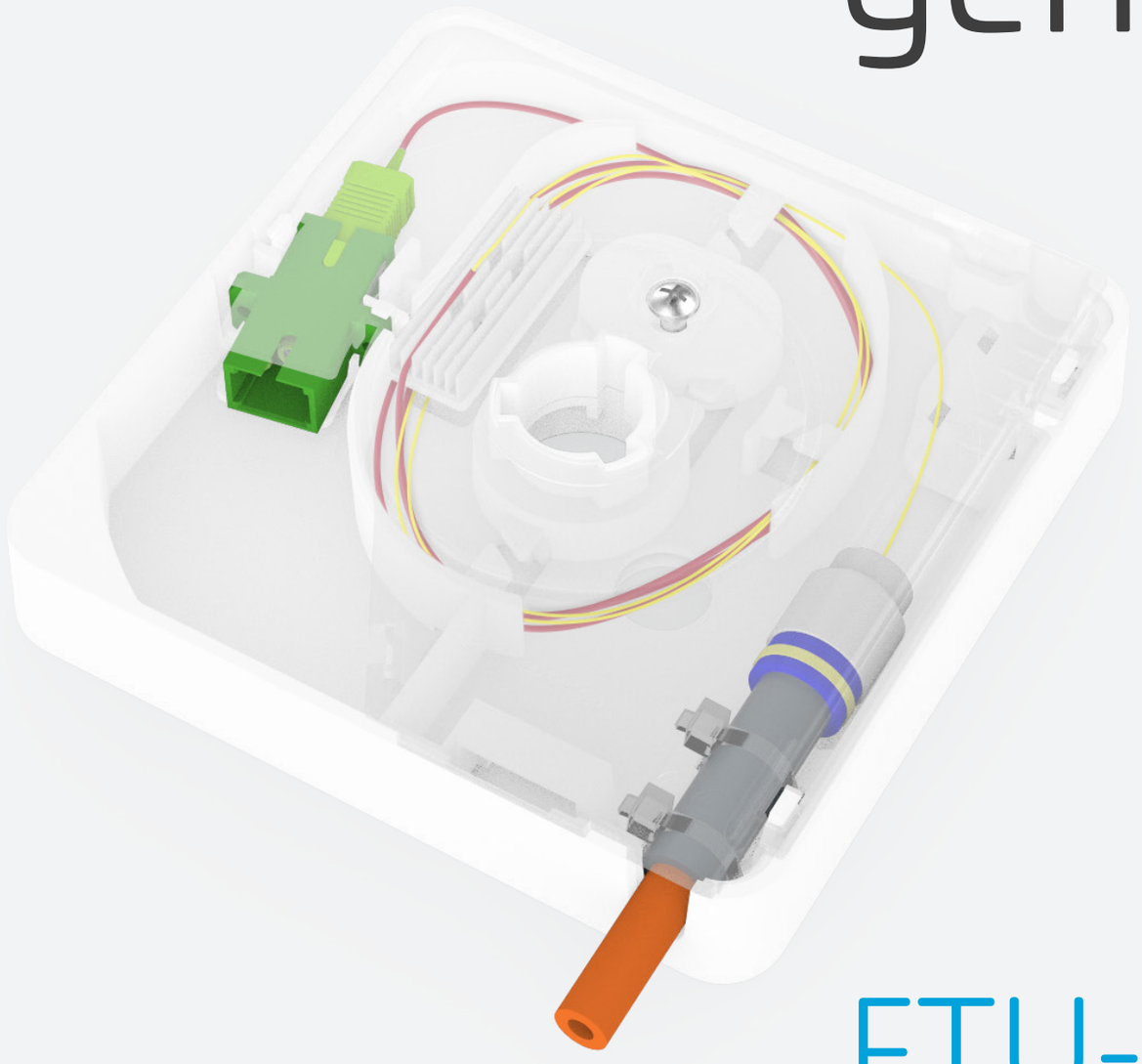


FTU-100

FiberTwist–Series

Installation Guide

In the box

warranty seal

zip ties

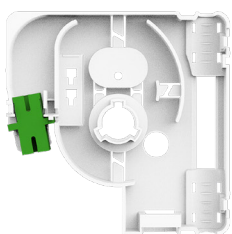
adhesive foam

wall plugs & screws

cover screw

splice holders

Baseplate



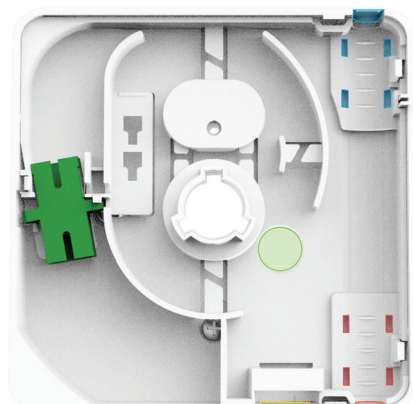
Fiber Management Unit (FMU) with coupler

Transparent demarcation cover

Installation guide

Choose configuration

- Choose one of the three ingress ports to use for the feeder fiber.
- If using ingress port 1 or 2, if using ingress 1 please cut out the oblong in the baseplate. The oblong for ingress 2 this is already cut out by default.
- For a patch-out, cut out the rectangle at the bottom of the baseplate.
- Insert 2 zip ties in the set of holes matching your chosen configuration.



Ingress 1

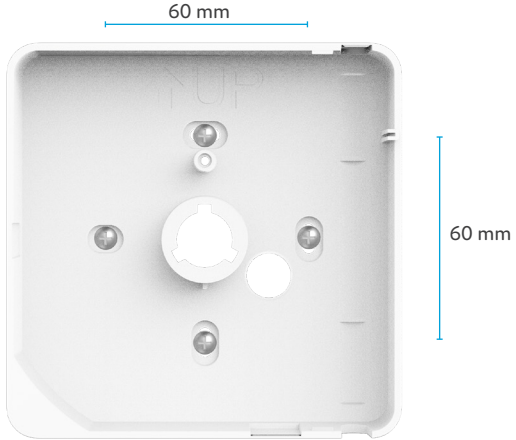
Ingress 2

Ingress 3

Patch-out

Mount FTU to the wall

De-assemble the FTU, so that the baseplate and FMU are separated
Use the drilling template to mount the baseplate to the wall.
The baseplate can also be mounted directly on a wall junction box.
The drilling template is available on
https://genexis.eu/download-portal/#fibertwist

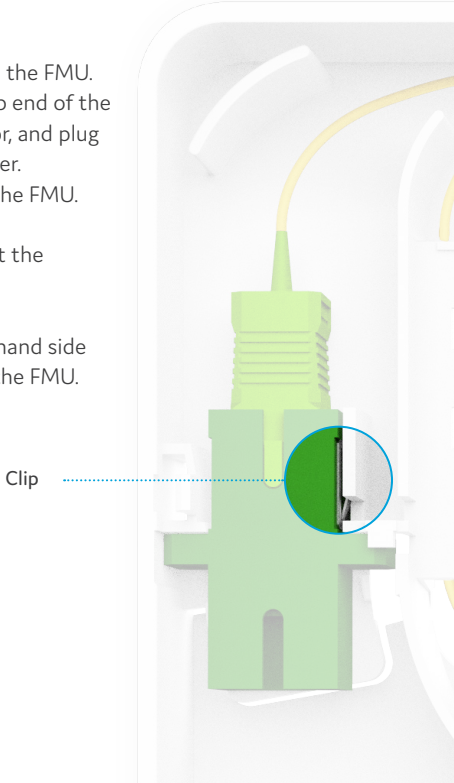


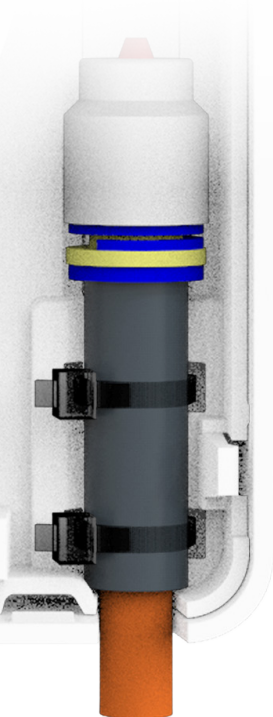
Attach pigtail or patch cable

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

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

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



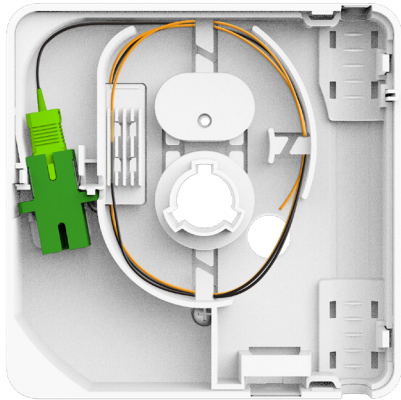


Attach feeder fiber

- If using ingress ports 1 or 2, insert the zip ties through the appropriate set of holes.
- 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 FMU and secure in place using the zip ties. Trim the excess ends off the zip ties.

Splice fiber(s)

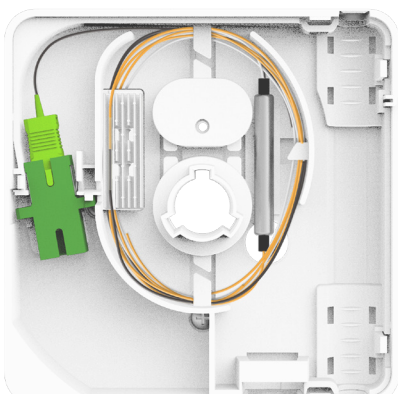
- Place the appropriate splice holder.
- Splice the feeder fiber and pigtail together
- Place the splice in the splice holder.
- Store the overlength fiber in the FMU.
- Perform any tests required to guarantee the quality of the splice.



WDM combiner (optional)

A WDM combiner is used for terminating a network with CATV services on a separate RF-overlay fiber. Depending on the model it will be provided with a pre-installed WDM combiner. To install:

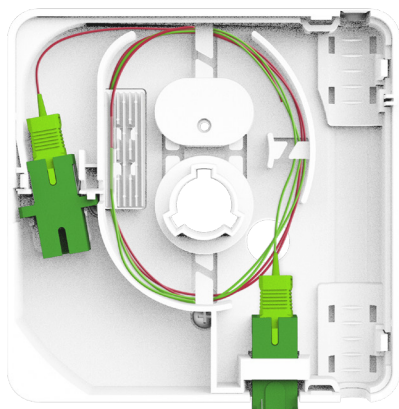
- Roll out the Data and CATV fibers.
- Splice these two pigtails to the corresponding feeder fibers.
- Place the two splices in the splice holder.
- Store the overlength fibers in the FMU.
- Perform any tests required to guarantee the quality of the splices.



Patch-out (optional)

The device supports the ability to add patch-out fiber cables.
Depending on the model these couplers and/or pigtails are pre-installed in the FMU.

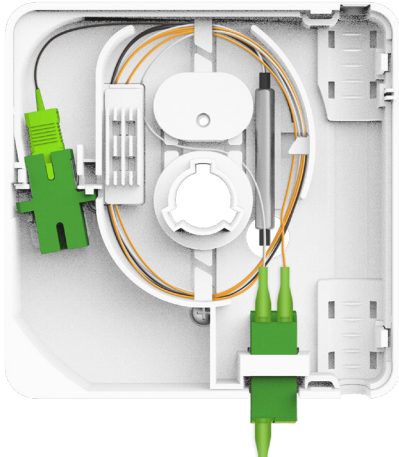
- Connect the pigtail(s) to the patch out coupler.
- Splice the pigtail(s) with the feeder fiber(s).
- Place the splices in the splice holder.
  Note: the number and type of patch out options depends on the specific FTU model.



Patch-in (optional)

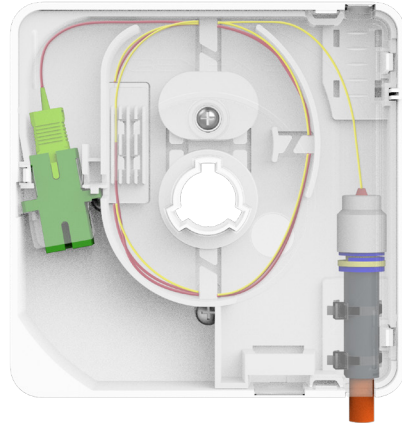
The device supports the ability to patch in fiber cables.
These connectors are pre-installed in the FMU.

- Please connect the fiber patch cable from the third-party FTU to the patch-in port of the FiberTwist FTU. Depending on the model, you need to place an SC or LC connector.



Finish installation

- Remove the remaining protective cap from the FiberTwist coupler.
- Place the FMU with the installed fibers on the baseplate.
- Click the transparent cover on the baseplate and FMU.
- Fasten the cover to the baseplate with the screw provided.
- If required, place a seal over the screw.
- Install the active unit or blind cover.



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