

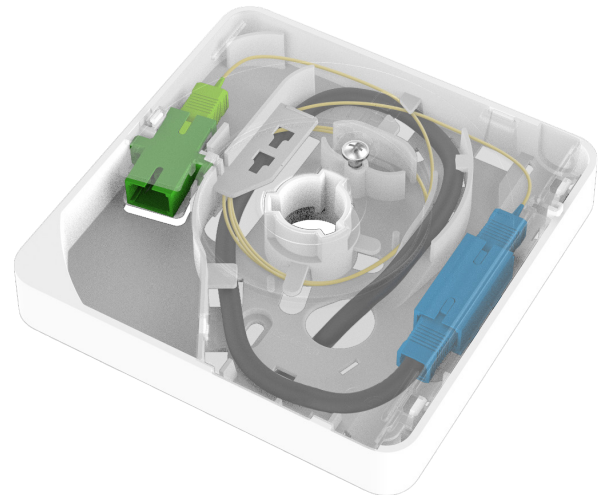


## Genexis FiberTwist

### FTU 1000-Series

(Fiber Termination Unit)

Base plate with fiber management



The FiberTwist FTU can be used as the foundation for all Genexis FiberTwist active units. This includes those from both the Point-to-Point and GPON, XGS-PON families, as well as optical data and RFoG.

The compact form factor of the FiberTwist FTU has been specifically designed for fast, efficient and easy installation in any location.

#### Key Features

- Compact Fiber Termination Unit (FTU) compatible with all FiberTwist active units
- Patented FiberTwist click-on interface enabling 100% trouble free, DIY active unit installation
- Suitable for patch cables and micro pipes of up to and including 10 mm
- Fiber ingress options: top, bottom, back 2x
- Fiber management with 2 strain relief options per fiber ingress
- Option for either an SC/PC patch in connector or a gas blocker
- Optional Quad-LC or Dual-SC connector with break-out plastic
- Splice holders for up to 6 pigtails
- Tamperproof sealable fiber management (warranty seal)
- Pre-installed pigtail(s) optional
- Optional Blind Cover available to protect the installation until the active unit (NT) is installed

FiberTwist is a unique FTTH connectivity solution that redefines size, ease-of-installation and flexibility for the distribution of fiber bandwidth throughout the home.

With FiberTwist, you only need one product to cover each and every deployment scenario in your network.

#### Good things come in small parcels

The FiberTwist packages all those needs in a super compact design of only 11 x 11 cm. Its patented Twist interface enables easy installation of active equipment as well as its fiber patch module. Furthermore, the FTU's fiber management system cleverly integrates all technical features one would expect of a professional FTU.

The FTU is capable of holding six fibers. One connects to the active unit, and up to four others are available at any time. For example: as backup fiber or when using a Quad-LC or Dual-SC connector in a patch-out scenario.

A choice of four ingress ports provides maximum installation flexibility, while a patch port enables the addition of a connector to be used in patch-out configuration.



# Product features and specifications

## Genesis FiberTwist FTU 1000-Series

### Dimensions (H x W x D)

- FTU 110x110x19 mm
- With Blind Cover 110x110x40 mm
- With active unit 110x110x46 mm

### Weight

- FTU 89 g
- Blind cover 48 g
- Max. gas-blocker size 25 x ø15 mm

### Mounting options

Wall junction box compatible

### Emissions and safety regulations

- CE IEC 62368
- UL94HB flammability class
- RoHS 3 and WEEE compliant

### Fiber management

- Storage for 6 Fibers
- 4 fiber ingress points
- 1 patch port can accommodate:
  - Quad-LC or Dual-SC connector
- Sealable fiber management & strain relief
- Fiber types supported:
  - G.657.A1/.A2/.B2/.B3
- Attenuation Grade C, Return Loss Grade 1 (IEC 61753)
- Compliant with ITU-T G.657.A2
- 12 mm (short) boot
- Pre-installed pigtail(s) optional

### Pigtails\*

- Attenuation Grade C, Return Loss Grade 1 (IEC 61753)
- Compliant with ITU-T G.657.A2

### Accessories (supplied)

- Mounting screws and plugs
- Cable ties
- Foam padding
- Splice holders for:
  - 6 ANT splices
  - 2 single fusion with splice sleeve
- Warranty seal
- SC/APC Twist connector
- Installation guide
- Drilling template

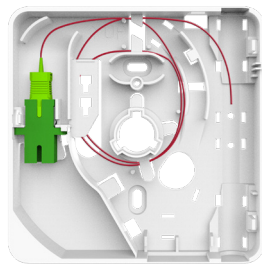
### Accessories (optional)

- Blind Cover (picture below):
  - Finishes and protects the FTU until installation of the NT (active unit)

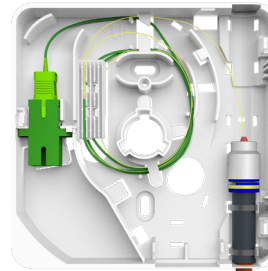
\* Applicable to selected models only, see table



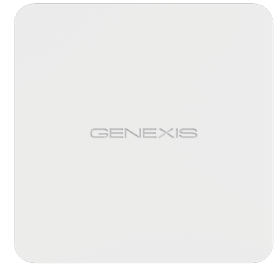
FiberTwist FTU-1000



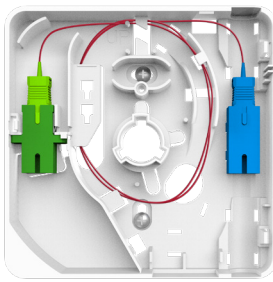
FiberTwist FTU-1100



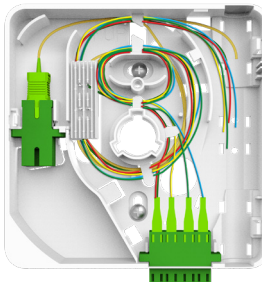
Use case: with gas blocker



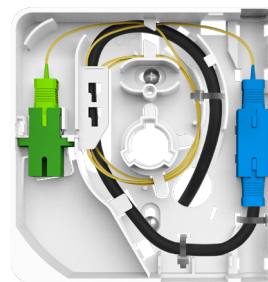
FiberTwist FTU-BlindCover



FiberTwist FTU-1111



FiberTwist FTU-1141



Use case: with thick patch cable



Customized FTU-BlindCover

## Genesis FiberTwist FTU-1000 Series product models

Models	Models with pre-installed pigtail(s)	Patch-connector
FiberTwist FTU-1000	FiberTwist FTU-1100	-
FiberTwist FTU-1010	FiberTwist FTU-1111	SC/PC (blue) patch in
FiberTwist FTU-1020	FiberTwist FTU-1121	Dual-SC/APC (green) patch out
FiberTwist FTU-1040	FiberTwist FTU-1141	Quad-LC/APC (green) patch out with internal shutters and laser safety sticker
FiberTwist FTU-BlindCover	Provides dust protection for the fiber. Fits all FTU models	

Note: Not every listed feature may be included in the shipping product. We reserve the right to make changes of technical specifications, housing or design without prior notice.