

Genexis FiberTwist

P2110B Point-To-Point (PtP)

Compact media converter



The FiberTwist P2110B is a cost-effective and reliable point-to-point media converter that delivers fiber speeds to your network. Its compact design makes it ideal for installation in both single-dwelling and multi-dwelling units. With a single Do-It-Yourself twist, dedicated PtP connectivity is enabled.

Key features

- Compact and easy to install Point-to-Point media converter
- A flexible solution matching both single-dwelling and multi-dwelling deployment scenarios
- Patented FiberTwist click-on interface on the FTU or Bracket, enabling trouble-free, DIY end-user installation
- LED dimming
- Halogen-free PCB

This Point-to-Point model is part of the well-known and extensive FiberTwist portfolio. The FiberTwist product range is a unique broadband connectivity solution that redefines size, ease of installation and flexibility for the distribution of fiber bandwidth throughout the entire home.

A perfect fit for every deployment scenario

The Genexis FiberTwist product family has been developed in such a way that it can be integrated into various deployment models, including single-dwelling and multi-dwelling scenarios.

Using products from the FiberTwist FTU family, the demarcation point can be extended to any desired location in the home, enabling easy access and installation of services.

Its small size (110 x 110 x 46 mm) makes the FiberTwist a perfect fit in any environment, be it a living room, metering cabinet or basement.



Product features and specifications

Genesis FiberTwist P2110B Point-to Point (PtP)

General specifications

Dimensions (H x W x D)	110x110x46 mm
Weight	176 g
Power supply voltage	12 Vdc ± 5%
Operating temperature	0 - 40 °C
Storage temperature	0 - 70 °C

Power consumption (EU-CoC-BBE)

P2110B	3.0 W Idle Mode
	3.0 W On Mode



WAN interface

TX (upstream) power	-9 ... -3 dBm
RX (downstream) power	-23 ... -3 dBm
TX wavelength	1310 nm
RX wavelength	1490...1550 nm

Emissions and safety regulations

- CE approved
- Safety:
 - IEC EN 60950 or IEC EN 62368-1
- Laser safety:
 - IEC EN 60825-1: Class 1 laser
- Emissions & Immunity:
 - EN 55032/CISPR 32:2008, Class B
 - EN 55024
- RoHS/WEEE marking:
 - Compliant with 2011/65/EU

Status LEDs

- Power 
- Fiber uplink status/activity 

LAN interfaces

- 1x 10/100/1000Base-T RJ45 port
- LED indicators for speed and activity

User interfaces

- 1 x Unlock button
- 1 x LED dimming button
- 1 x LAN interface
- 1 x Power connector

Layer 2 features

- HTTP
- DHCP / TFTP
- IEEE 802.3ah OAM in passive mode:
 - Discovery
 - Loopback

Genesis FiberTwist P2110B product model

Model	Type	WAN (Mbps)	LAN interface	Wavelength			
				Tx	Rx	Voice port (FXS)	CATV
FiberTwist P2110B	Media converter	100/1000	1x	1310 nm	1490...1550 nm	-	-