



Fiber Termination Unit (FTU)



42Networks' Fiber Termination Unit, FTU, provides broadband network builders a solution for fast and easy fiber termination.

Connecting homes and offices directly to a fiber network has been a costly and labor-intensive process. Now 42Networks offers a smarter way to deploy fiber to the homes and offices.

Flexible fiber deployment

With 42Networks' FTU network builders can rapidly deploy fiber in the home and office environment. The FTU is designed for robust and flexible fiber installation, either together with 42Networks' CPEs or as a stand-alone unit.

Various fiber types, such as fixed tube, micro duct and blow fiber can be terminated in the unit. Fiber with or without connector and with various fiber lengths can be pre-manufactured.

The fiber can be brought in the FTU from 4 different directions giving full flexibility during installation.

The FTU is designed for wall mounting and can be installed facing upwards, downwards or to the side.

Robust installation

The fiber is protected over its lifetime from dust, dirt and physical damage when using the 42Networks' FTU.

An unprotected fiber is particularly vulnerable in home environment due to normal household activities, like vacuum cleaning or due to children and pets. These risks are eliminated in the FTU as the fiber and connector are well protected both before and after the active equipment is installed.

Easy cabling

When deploying 42Networks' CPE unit, no patch cables or ducts are required between the FTU and the active equipment, which further reduces the risk for damage and decreases the installation costs.

The FTU provides fixing points for all cables (fiber, power, LAN and telephony cables) and thus is simultaneously a cable organiser.

Simple CPE mounting

42Networks' CPE unit can be mounted directly on the FTU with a simple 'Click-On' procedure.

The 42Networks' CPE installation can be done at the same time as the FTU is installed or later on when the end user wants to activate services. Due to the simplicity of the 'Click-On' concept, the CPE installation can be done by the end user, which decreases installation costs.

The FTU can also be used as a stand-alone unit. In this case it is possible to connect any active equipment to the FTU by using a standard patch cable.

Product Specification for FTU

Mounting Conditions

Wall mounting indoors

Physical Data

Weight	200 gr
Dimensions	57mm (H) x 130mm (D) x 238mm (W)

Fiber Encapsulation

Fiber length	all lengths between 0,9 to 3,5 meters
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Connectors Supported

- MT-RJ
- LC
- LC μ , upon request
- SC Simplex
- SC Duplex

Usage

Together with 42Networks FTTH CPE or stand-alone

