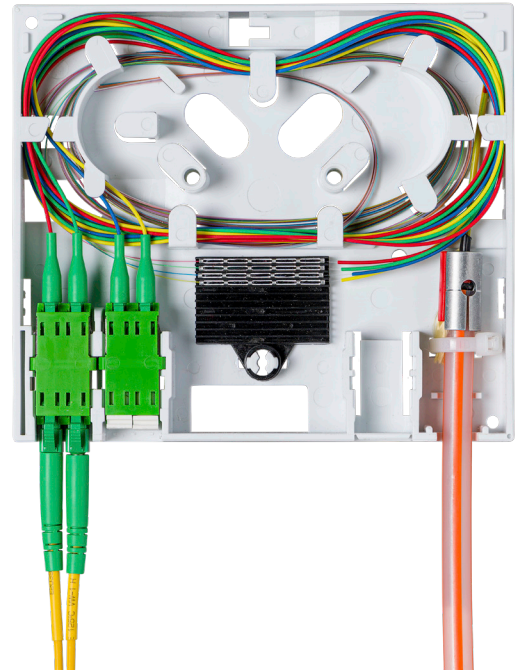


FTTH-APL KIT - Connection box for single residential units

- 12x splice tray
- Optimized for pre-assembled fibers
- 3x couplings, plan and set back position (6x LC)
- Pulling protection of patchcords
- Input up to Ø 10 mm small pipe or cable
- Strain reliefs
- Space for micro-gas-stop on pipe
- Metal installation plate, on wall or outlet
- Torx slotted screws for access protection



Other features

- IP 44, UV, UL
- 120 x 105 x 22.8 mm (WxHxD)

- Practical cardboard box for unwinding the fiber
- Fiber available in different lengths

Overview

The modern fiber optic requires highly flexible terminal boxes. Technetix has developed these with its customers. It meets all requirements of appealing design, extreme robustness and open access.

The box is designed for taking up pre-assembled fibers or splices deposited in the management. Your investment remains protected as a technology neutral interface. The thought-solution offers long service life and maximum protection for your investment.

The FTTH-APL is provided for direct wall mounting or on the flush-mounted-box. The wall mounting screws are included to the FTTH-APL and are covered after the installation.

The metal mounting plate can be mounted on the wall separately, so the box can be handled comfortable for splicing and shelf of fibers in the working area and it can be safely imprinted on the installation plate after finished.

The cover is screwed together with 2 Torx slotted screws (hidden under the logo), through the box on the mounting plate, to make an access-protected and robust connection. In this way the FTTH-APL protects your fiber installation, also directly in living rooms with its inconspicuous design.

For the fiber input, the following feedthroughs can be used:

- Back through the mounting plate from the socket for pre-assembled fibers
- From both sides through the break-outs, for example through the cable duct for pre-assembled fibers
- Right on the bottom with up to Ø 10 mm pipe inclusive strain relief and the place for a micro-gas-stop (for example ConnectCom, Commscope)

3 holders for couplings are installed in the base, so up to 3 SC or 3 LC-duplex-couplings can be inserted. In this way, up to 6 patchcords (LC) can be connected to the box.

FTTH-APL KIT - Connection box for single residential units

Overview

The couplings are labelled from 1-6 on the cover. The left coupling (1-2) is open by default, the two others (3-6) are closed by break-out-covers, which could be opened when required.

The APL easy fiber installation kit

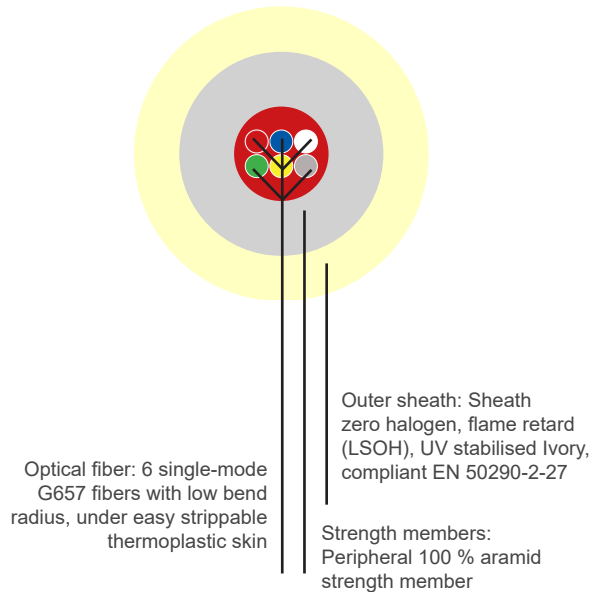
The APL easy fiber installation kit provides the self installation for the fiber to the home unit by subscriber, because the basic unit can be screwed directly without opening and the stable but flexible fiber cable is perfectly protected. Due to the pre-assembled fiber cables in the APL spares the effort of splicing in the flat.

Due to the pre-assembled fiber in the APL and the high durable, but also flexible fiber-cable, a highly efficient fiber-to-the-home rollout is provided which significantly reduces the costs for the network expansion. No experts are required for assembly and installation work. A lot of the preparation work can be carried out by the subscriber.

By deliberate planning of the fiber lengths, which are available in the standard versions 20m / 30m / 50m, the corresponding cable length can be controlled send out to the respective units, to minimize the cable wastage in the basement. Only here the high-quality splicing works will be done.

The fiber cable can directly be inserted into the fiber termination box Gf-HUEP SPEED or Gf-HUEP MAX, to connect the fiber to the field-network.

Fiber color codes					
1	2	3	4	5	6
red	green	blue	yellow	white	grey



FTTH-APL KIT - Connection box for single residential units

FTTH-APL KIT device and performance specifications

Parameter	FTTH-APL KIT	Units	Notes
Attenuation	@ 1310 nm ≤ 0.4	dB/km	
	@ 1550 nm ≤ 0.3	dB/km	
Dispersion	(1285~1330 nm) ≤ 3.5	ps/(nm·km)	
	(1550 nm) ≤ 18	ps/(nm·km)	
Zero dispersion wavelength	1300~1324	nm	
Zero dispersion slope	0.095	ps/(nm·km)	
Fiber cutoff wavelength	1260	nm	
Mode field diameter	9.2 \pm 0.5	Um	
Mode field concentricity	≤ 0.8	Um	
Cladding diameter	125 \pm 1.0	Um	
Cladding non-circularity	≤ 1.0	%	
Coating/Cladding concentricity error	≤ 12.5	Um	
Coating diameter	245 \pm 10	Um	
Bending, dependence induced attenuation	(1550 nm, 1 turn, 32 mm diameter) ≤ 0.5	dB	
	(1550 nm, 100 turns, 60 mm diameter) ≤ 0.5	dB	
Proof test (off line)	≥ 100	kpsi	

Order information

Item code	Legacy code	Description
19013054	FTTH-BOX APL 1-0	Fiber termination and distribution box for 6-fiber, 12x splice holder
19014511	KIT APL 20M	FTTH-APL install kit 20 meters G657A2 6F LSZH white jacket
19014531	KIT APL 30M	FTTH-APL install kit 30 meters G657A2 6F LSZH white jacket
19014532	KIT APL 50M	FTTH-APL install kit 50 meters G657A2 6F LSZH white jacket