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ECAD
Communications
A division of **technetix** GmbH

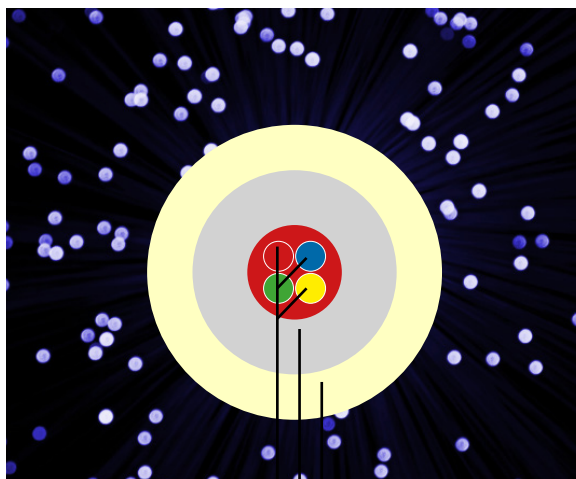# The OAP Easy-Fibre Installation-Kit

The OAP is a neutral network terminator. It can be integrated into any FTTH network – independent either of active Ethernet or GPON. The OAP is the perfect solution for connecting a fibre glass CPE. The modular design allows efficient integration in each residential unit.
The OAP Easy-Fibre Installation-Kit provides the self-installation for the fibre to the home unit by subscriber, because the basic unit can be screwed directly without

opening and the stable but flexible fibre-cable is perfectly protected. Due to the pre-assembled fibre cables in the OAP spares the effort of splicing in the flat. A CATV receiver for TV or the IP module for 1 gb Ethernet can be operated via a plug-in module. The well thought solution offers long service life and maximum protection for your investment.

Facts:
· 4x FO G657A2 DIN-colored
· 2x fibre pre-assembled in OAP
· 1x SC/APC plug (for active options TV & IP)
· 1x SC/PC plug and coupling for CPE loop through
· 2x splice holder
· Socket for wall or flush mounting
· Practical cardboard box for unwinding the fibre
· Fibre in different length available
· Cardboard size 31 x 31 x 5.1 cm

Fibre color codes			
1	2	3	4
red	blue	green	yellow

Due to the pre-assembled fibre in the OAP and the high durable, but also flexible fibre-cable, a highly efficient fibre-tothe-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 fibre 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 minimise the cable wastage in the basement. Only here the high-quality splicing works will be done.
The fibre cable can directly be inserted into the ECAD Communications fibre termination box GF-Huep speed or GF-Huep Max, to connect the fibre to the field-network.

Optical fibre: 4 single-mode G657 fibres with low bend radius, under easy strippable thermoplastic skin

Outer sheath: Sheath zero halogen, flame retard (LSOH), UV stabilised Ivory, compliant EN 50290-2-27

Strength members: Peripheral 100 % aramid strength member

	4 fibres
Nominal outside diameter (mm)	3.9
Nominal thickness of the sheath (mm)	0.7
Tensile strength (mm)	200
Maximum crush resistance (N/10cm)	100
Minimum bend radius (mm)	20
Nominal weight (kg/km)	14
Fire test compliance	IEC 60332-1 (C2)
Temperatures	Storage and Transport	- 40 / +70 °C
	Installation	- 5 / +50 °C
	Operation	- 5 / +60 °C

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