Type:	A-E1, VFTO-E1+ pre-connectorized cable	15.07.2015
		REV: 1.0
		AŁ
Ref:	A-E1, see the Ordering Information section	

Easy Access Cable FTTx solution.

FTTH VFTO-E1 customer outlet **with pre-connectorized cable (coil)**

OVERVIEW:

VFTO-E1 customer outlet is specifically designed for FTTH networks as a termination point of an optical duct for max. 4 optical fibers in various home and business networks. A-E1-xx option is a VFTO-E1 customer outlet with pre-connectorized cable in a coil with adapters. Therefore, wide range and selection of cables, fiber optic adapters and pre-terminated connectors guarantee meeting customers' individual needs and requirements.

APPLICATIONS:

Distribution network
FTTH networks with EAC cables
Last mile connections

Termination of FTTH networks

FEATURES & BENEFITS:

Compact and innovative design
Indoor applications
Available adapters protected with inner or outer shutter

Description field for adapters on a top part of an outlet with a transparent flip cover

Wide range of cables available
Possibility to personalize the outlet(logo)
Possibility to mount on a DIN rail
Adapter facilitates the mounting on a wall
Lower costs and installation time
Pre-terminated cable

TECHNICAL SPECIFICATION:

Material	ABS UL94-V0
Adapter material DIN	PA6 GF UL94-V0
Dimensions (w)x(h)x(d) [mm]:	85x85x28
Temperature:	-20 °C – +50°C
Protection level:	indoor applications IP40/IK05
Mounting:	indoor, wall, rail (DIN standard)
Cassette capacity:	4 fusion, 2 mechanical or 4 ANT splices
Fiber type:	15mm bending radius, compatible with A1, A2, B2, B3 standards
Length of extra fiber:	900um – 100cm fiber in an outlet 250um – 200cm fiber in an outlet
Entry port:	1 entry port in each part of the outlet (1 port on a side) entries from outer part of an outlet (mounting on a flush mount box) all entry ports are defined by removing a blind adapter max. diameter of cables: 4mm

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ADDITIONAL EQUIPMENT:

Adapters*:	SC PC/APC SX flangeless LC PC/APC DX flangeless E2000 PC/APC flangeless
Cables:	VC-D20 VC-D30, VC-D30R, VC-D30RP, VC-D30E VC-D40, VC-D40E VC-DCY AERO DF with G.657A1,A2 and B3 fibers
Support for VFTO-E1 outlet	VFTO-E1-SUP-1 Fibrain support for VFTO-E1 outlet VFTO-E1-DIN-1 Fibrain support with DIN for VFTO-E1 outlet

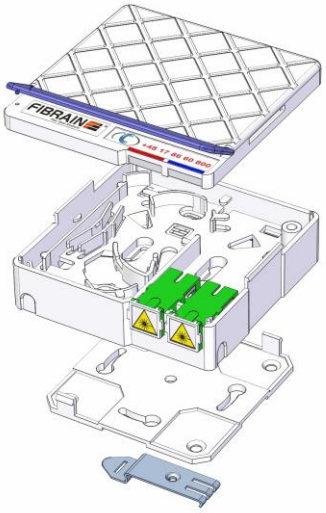
* In accordance with a table of availability in a given product class

Available adapters		
FLANGELESS ADAPTERS	STANDARD ONE-PIECE	PREMIUM ONE-PIECE
LC PC/APC	✓	-
LC PC/APC with inner shutter	-	✓
LC PC/APC with outer shutter	-	✓
SC PC/APC	✓	-
SC PC/APC with inner shutter	-	✓
SC PC/APC with outer shutter	-	✓
E2000 PC/APC	✓	-

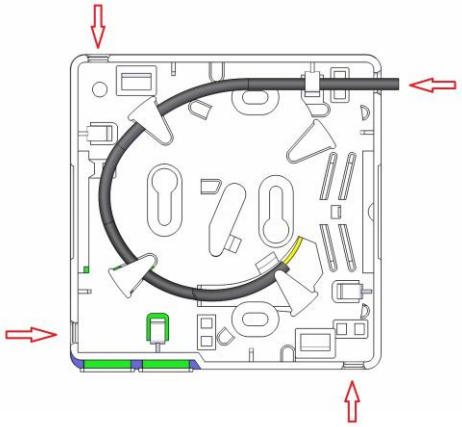
Polishing class of fiber optic connectors			
Connector	SILVER SM	GOLD SM	TITANIUM SM
SC PC SM	✓	✓	✓
SC APC SM	✓	✓	✓
LC PC SM	✓	✓	✓
LC APC SM	✓	✓	✓
E2000 PC SM	✓	✓	✓
E2000 APC SM	✓	✓	✓

VFTO-E1 customer outlet with pre-installed VC-DCY cable, pre-terminated with SC APC fiber optic connector of Gold class with 1 SC APC Premium One-Piece fiber optic adapter with outer shutter

Easy Access Cable FTTx solution.



Outlet design



Entry ports

ADDITIONAL POSSIBILITIES - LOGO:

VFTO-E1 customer outlet is available in 3 options. A standard option includes a customer outlet with a Fibrain logo. Second option is a VFTO-E1 outlet without a logo. Therefore, there is a possibility to personalize an outlet by printing an operator's logo. Further details concerning minimum number of outlets with operator's logo, printing and number of colours need to be determined individually with our Sales Department.

ORDERING INFORMATION:

A-E1- AA-B-CDE-FGH-II-JK Syntax order

AA - Logo: **BL:** no logo
FB: FIBRAIN logo
XX: Operator's logo (details concerning printing and number of colours need to be determined individually)

B - Support for VFTO-E1 outlet: 0 - none
1 - VFTO-E1-SUP-1
2 - VFTO-E1-DIN-1;

C - Flangeless adapter qty: 1 - one
2 - two

D - Adapter class: 1 - **Standard One-Piece (as well as for E2000)**
2 - **Premium One-Piece with inner shutter**
3 - **Premium One-Piece with outer shutter**

E - Adapter type: 1 - SC
2 - SCA
3 - E2
4 - E2A
5 - LC DX
6 - LCA DX

F - Cable type: 1 - VC-D20
2- VC-D30
3 - VC-D40
4 - VC-DCY
5 - Aero DF
6 - VC-D30R
7 - VC-D30RP
8 - VC-D30E
9 - VC-D40E

G - Number of fibers in a cable: **1** - 1F
2 - 2F
4 - 4F

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H - Fiber type:
D – SMF 657A1,
E – SMF 657A2;
F – SMF 657B3;
G – SMF 657B3+ compatible;

II - Cable length*:
15 – 15m
30 – 30m
50 – 50m

* In order to obtain other cable length, please contact with our Sales Department

J - **Number of fibers terminated with a connector:** **1- one,**
2 - two
4 - four;

K - Connector polishing class: **S - Silver**
G - Gold
T - Titanium;

Important notice
Buyer and/or user of this product has to make sure before using this product that it is suitable for the intended use. All questions of liability relating to this product are subject – in accordance with the prevailing – to the Terms of Sale of the selling Fibrain subsidiary.