# DIAMOND *flexos*
# Fiber Optic Passive Components

## OUTLETS

In the FTTH residential connection, the FTTH BOX provides a high degree of time savings. With the surface mount socket (Feller Edizio) OSD 2/4 or 4/4 included in the box, the residence can easily and quickly be made accessible with fibre optics. All communication services such as data, voice, TV, etc., are transmitted with it. In addition to the socket equipped with pigtails, the box includes a plastic reel with the installation cable that is pre-assembled with the required length.

Thanks to the cable pull (eyelet) – which can be attached directly to the rod – at the end of the cable, the cable can be installed into the existing cabling infrastructure with minimal effort.

The cable with the G.657.A fibre is characterized by narrow bending radius. It can be easily rolled out of the box, which allows a single person to install it.

The mating adapter built into the socket, as well as the F-3000™ connector, are equipped with laser and dust protections, which protect the eyes as well as the connector front face.

The F-3000™ plug and mating adapters are 100% compatible with the current LC standard IEC 61754-20/ED1.

### FEATURES AND BENEFITS
▶ Quick and easy installation
▶ Easy cable-pulling thanks to the eyelet
▶ Can be installed by a single person
▶ Compact Box
▶ Frame and cover are available in different colours
▶ Cable lengths are available up to a maximum of 120m
▶ Upgrade of the socket to two duplex mating adapters and four pigtails is possible at any time
▶ Assembly with non-standard cables possible (upon request)
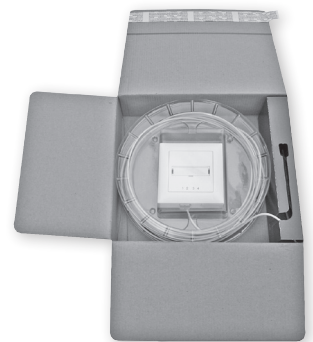▶ Available with one's own company logo (dependent on required quantity)

### FTTH BOX CONTENTS
▶ Blue box (patent pending in Switzerland)
▶ Pre-assembled FTTH Edizio socket
▶ 4 fibred Cable
▶ Pre-assembled feeder eyelet

### TECHNICAL SPECIFICATIONS
▶ Dimensions: (H x W x D in mm) 70 x 305 x 275
▶ Cardboard as well as plastic reel (PET) are recyclable
▶ Bend-optimised cable Ø 2.8mm (4 fibred G.657.A Cable)

## CONFIGURATIONS

| | CONFIGURATION TYPE |
|---|---|
| FTTH Box equipped with:<br>surface mount socket, 2x pigtails F-3000™ APC, 1 mating adapter | A |
| FTTH Box equipped with:<br>surface mount socket, 4x pigtails F-3000™ APC, 2 mating adapters | B |
| FTTH Box equipped with:<br>embendded mount socket, 2x pigtails F-3000™ APC, 1 mating adapter | C |
| FTTH Box equipped with:<br>embendded mount socket, 4x pigtails F-3000™ APC, 2 mating adapters | D |
| Upgrade set:<br>2x pigtails F-3000™ APC (yellow & blue fibers), 1 mating adapter | EZ 1054937 |
| Additional component for embendded mount socket:<br>2x RJ45 copper connections for T and T+DSL | BEY 1058566 |
| Coaxial module for TV | EQN 1061180 |
| 1x RJ45 copper connection up to Cat. $6_A$ for network systems | EQN 1061917 |

## ORDER INFORMATION

To order FTTH BOX assemblies, please indicate the configuration type A or B and cable length.