

Product datasheet:

Optical termination outlet (OTO), ready to splice with pre-assembled cable, 2x fibres, 50 m

Optical termination outlet (OTO), flush-mounted with pre-assembled cable from the backside

· Scope of delivery: OTO, LC/APC coupling, connector and fibre optic cable

Flush-mounting installation with fibre optic cable for splicing and feed line from the rear

Innovative fibre optic subscriber connection with a maximum installation depth of 32 mm for exact flush-mounting in all standard one-gang junction boxes. The robust metal support ring with alignment markings allows for convenient installation with screw fastenings.

Perfect fibre storage management thanks to a rotatable and removable storage drum on the rear. Includes holder for up to 4 crimp splice connections.

Equipped with 1x LC/APC quad coupling including shutter and dust cover.

Design compatibility with all common switch manufacturers with standardised TAE cover.

The subscriber connection is delivered with a pre-assembled, high-quality (G.657.A2) fibre optic cable in a handy roll-off box, which also meets fire protection class B2ca, s1a, d1, a1 (BauPVo).

The fibre optic cable is ready for splicing and has a pull-in aid that allows it to be pulled or blown into micro tubes with a minimum diameter of 7 mm.

Subscriber connection features:

Installation type Flush-mounting

Protection class IP20

Impact resistance IK07

Number of fibres 4

Number of splice cassettes: 1

Halogen-free: Yes

Loop length (splice cassette): 150 mm

Bending radius (splice cassette): $R = 25 \text{ mm}$

Splice protection holder: CSS crimp / mini heat-shrink tubing

Number of cable entries: 1x

Cable routing: Rear (drum)

Storage temperature range $-10 \text{ °C} / +60 \text{ °C}$

Installation temperature range $-10 \text{ °C} / +60 \text{ °C}$

Operating temperature range $-20 \text{ °C} / +60 \text{ °C}$

Coupling properties:

LC/APC quad coupling with flange, SC simplex footprint

Number of couplings 1

Sleeve material Ceramic, slotted

Housing material Plastic, halogen-free, flame-retardant

Laser and dust protection Integrated protective flap, blind plug

Insertion loss = 0.20 dB

Mating cycles 1,000

Fibre optic cable properties

Fibre class Single mode OS2 (G.657.A2)

LC/APC simplex plug connectors 2x (Grade A)

Fibre type Fibre-BrightCore® single mode optical fibre

Fibre colour coding 2 fibres: 1=red, 2=green

Stranding element Aramid yarn, 2x central strength members

Material LSZH, IEC 60332-1

Construction PVo B2ca, s1a, d1, a1 according to EN50575:2014 + A1:2016

Sheath thickness 0.4 mm



Assembly instructions



Planning data

Product datasheet:

Cable Ø 3.0 mm +/- 0.15 mm
 Cable labelling KAISER Group FTTH Drop Cable 2E9/125 G657A2
 CPR B2ca DOP 12013033
 Minimum bending radius: 24 mm
 Tensile force 450 N (installation) // 225 N (permanent)
 Compressive strength 500 N / 10 cm
 Storage temperature range -10°C / +60°C
 Installation temperature range -0°C / +50°C
 Operating temperature range -0°C / +50°C
 Cable length 50 m

Article number: **⇒ 4250010**

EAN: 4013456579958

Price group: 730

Safety / Properties

Halogen-free: Yes

Features

Network level: 4

Fibre class: Single Mode OS2 (G.657.A2)

Fibre type: Single Mode Optical Fibre

Cable/line length: 50 m

Splice cassette quantity: 1

Number of fibres (max.): 2

Fibre colour coding: 1=red, 2=green

Approvals / Certifications

BauPVo: B2ca according to EN 50575:2014 + A1:2016

Protection class: IP20

Storage / Installation / Operation

Minimum storage temperature: -10 °C

Maximum storage temperature: 60 °C

Minimum installation temperature: -10 °C

Installation temperature max.: 60 °C

Minimum operating temperature: -20 °C

Maximum operating temperature: 60 °C

The optical termination outlet will be the termination point of the optical fibre cable within the appartement / home. Due to the pre-assembled cable in 7 different cable lengths, this variant forms an optimal solution for structured cabling in network level 4.

- Installation in all KAISER one-gang junction boxes
- Ready to splice with pre-assembled cable in 7x lengths (10m, 15m, 20m, 25m, 30m, 50m and 70m) - other lengths available on request
- Available with 2 or 4 fibres
- High-quality fibre-optic cable G.657.A2 and BauPVo B2ca
- Retractable and blowable cable
- Handy Roll-off box with improved installation system

Product datasheet:

- Compatible with all common TAE design covers