

Product datasheet:

Optical termination outlet (OTO), ready to splice with pre-assembled cable, 4x fibres, 50 m

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

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

Surface mounting with fibre optic cable for splicing and feed line from the rear
Compact fibre optic subscriber connection with a design height of 16 mm in signal white (RAL9003) glossy for surface mounting. Can be mounted on all standard device boxes and one-gang junction boxes (feed line from the rear). Perfect fibre guidance in the housing, including holder for up to 4 crimp splice connections. Equipped with 2x LC/APC duplex couplings including shutter and dust 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 microducts with a minimum diameter of 7 mm.

Subscriber connection properties:

Dimensions (LxWxH) 85 x 85 x 16 mm

Installation type Surface-mounted

Protection class IP20

Impact resistance IK07

Number of fibres 4

Number of splice cassettes 1

Halogen-free Yes

Loop length (splice cassette) 180 mm

Bending radius (splice cassette) R = 25 mm

Splice protection holder CSS crimp / mini heat-shrink tubing

Cable entry Number 3x

Cable entry Ø 2.3 – 5.3 mm

Cable routing Rear

Temperature range Storage -10 °C / +60 °C

Temperature range for installation -10 °C / +60 °C

Temperature range for use -20 °C / +60 °C

Coupling properties:

LC/APC duplex coupling with flange, SC simplex footprint

Number of couplings 2

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 4x (Grade A)

Fibre type Fibre-Sterlite® BOW-LITE™ single mode optical fibre

Fibre colour coding 4 fibres: 1=red, 2=green, 3=blue, 4=yellow

Stranding element Aramid yarn

Material LSZH, IEC 60332-1

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

Jacket thickness 0.4 mm

Cable Ø 3.0 mm +/- 0.15 mm

Cable labelling KAISER Group FTTH Drop Cable 4E9/125 G657A2

CPR B2ca DOP 12013033

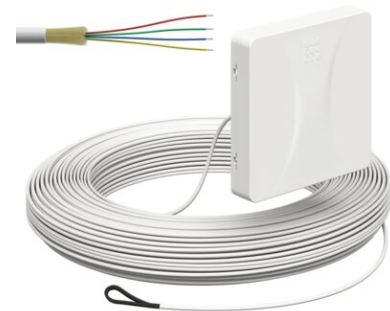
Minimum bending radius: 24 mm

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



Assembly instructions



Planning data

Product datasheet:

Operating temperature range 0°C / +50°C
 Cable length 50 m
 Ordering information:

Article number:  **4252025**

EAN: 4013456579651

Price group: 730

Dimensions / Form

Product length: 85 mm

Product width: 85 mm

Product depth: 16 mm

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.): 4

Fibre colour coding: 1=red, 2=green, 3=blue, 4=yellow

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.

- Compact fibre-optic subscriber connection
- Dimensions: 85x85x16 mm (LxWxH)
- Colour similar to RAL9003 signal white
- 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

Product datasheet:

- Retractable and blowable cable
- Handy Roll-off box with improved installation system