

## Product datasheet:

# E3S Connect® E3S-E3S system cable, 4xF, L=30m, FO-BD to FO-FD

## E3S Connect® system cable

· pre-assembled E3S Connect® fibre-optic cable

E3S Connect® connection cable between the fibre optic building distributor (Gf-GV) and a fibre optic floor distributor (Gf-EV).

High-quality 4-fibre E3S Connect® fibre optic cable G.657.A2), which also complies with fire protection class B2ca, s1a, d0, a1 (BauPVo). The system cable is also delivered in a handy roll-off cardboard box.

Connection to the fibre optic building distributor with 2x E3S Connect® - LC/APC connectors.

Connection to the fibre optic floor distributor with 2x E3S Connect® - LC/APC connectors

Cable length 30 m

Fibre optic cable properties

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

Fibre type Fiber-BrightCore® Single Mode Optical Fibre

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

Stranding element Aramid yarn, 2x central strength members

Material LSZH, IEC 60332-1/-2

BauPVo B2ca-S1 in accordance with EN50575:2014 + A1:2016

Sheath thickness 2.00 – 2.40 mm

Cable Ø 2.00 – 2.40 mm

Cable labelling KAISER FTTH E3S Connect System Cable

2E9/125 G657A2 CPR B2ca DOP 12013034

Minimum bending radius 40 mm (installation) // 10 mm (permanent)

Tensile force 250 N (installation) // 100 N (permanent)

Compressive strength 1000 N / 10 cm

Storage temperature range -40°C / +85°C

Installation temperature range -20°C / +60°C

Operating temperature range -40°C / +80°C

Cable length 30 m

Properties E3S connector

Connection on Gf-GV E3S – LC/APC

Whip length on Gf-GV approx. 100 cm Stepped connector

Connection on Gf-EV E3S – LC/APC

Whip length on Gf-EV approx. 100 cm Stepped connector

Material Plastic, halogen-free, flame-retardant

Insertion loss  $\geq 0.12\text{dB } \emptyset - \leq 0.25\text{dB Max. (Grade B)}$

Return loss  $\geq 70\text{ dB (Grade B)}$

Mating cycles 1,000

Ferrule Ø 1.25 mm, ceramic, axially spring-loaded

Strain relief  $\geq 100\text{ N}$

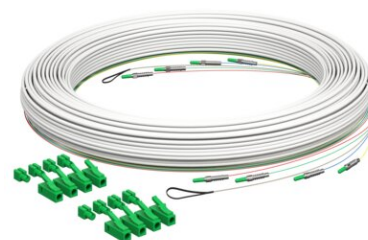
Laser and dust protection Blind plug

Standard (design specification) IEC 61754-20

Storage temperature range -40°C / +85°C

Installation temperature range -20°C / +60°C

Operating temperature range -40°C / +80°C



Planning data

**Article number:** **⇒ 4264012**

**EAN:** 4013456580831

**Packaging quantity:** 10

**Price group:** 730

## Features

**Network level:** 4

## Product datasheet:

|                          |                                            |
|--------------------------|--------------------------------------------|
| Fibre class:             | Single Mode OS2 (G.657.A2)                 |
| Fibre type:              | Single Mode Optical Fibre                  |
| Cable/line length:       | 30 m                                       |
| Number of fibres (max.): | 4                                          |
| Fibre colour coding:     | 4-fibres: 1=red, 2=green, 3=blue, 4=yellow |

### Approvals / Certifications

|         |                                              |
|---------|----------------------------------------------|
| BauPVo: | B2ca according to EN 50575:2014 +<br>A1:2016 |
|---------|----------------------------------------------|

The E3S system cable forms the connection line between the FO building distributor and the FO floor distributor in network level 4, for example in apartment buildings.

- E3S system cable available in 5x lengths (10m, 15m, 20m, 25m and 30m) – further 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
- Fibreglass cable is supplied in a handy unroll box