

Product datasheet:

E3S Connect® E3S-E3S system cable, 2xF, L=10m, 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 2-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 supplied 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 10 m

Fibre optic cable properties

Network level: Building network NE4

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

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/-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: 10 m

E3S connector properties

Connection on Gf-GV: E3S Connect®- LC/APC

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

Connection on Gf-EV E3S Connect®- LC/APC

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

Material: Plastic, halogen-free, flame-retardant

Insertion loss: ≥ 0.12 dB Ø - ≤ 0.25 dB max. (Grade B)

Return loss: ≥ 70 dB (Grade B)

Mating cycles: 1,000

Ferrule Ø: 1.25 mm, ceramic, axially spring-loaded

Strain relief: ≥ 100 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:	↪ 4264003
EAN:	4013456580732
Packaging quantity:	10
Price group:	730

Product datasheet:

Features

Network level:	4
Fibre class:	Single Mode OS2 (G.657.A2)
Fibre type:	Single Mode Optical Fibre
Cable/line length:	10 m
Number of fibres (max.):	2
Fibre colour coding:	2-fibres: 1=red, 2=green

Approvals / Certifications

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