

Product datasheet:

E3S Connect® LC/APC-E3S fibre-optic patch cable, 2xF, L=3m, HTP to FO-BD

E3S Connect® fibre-optic patch cable

· E3S Connect® patch cable, 2x fibres, duplex, L=3m

E3S Connect® connection cable between the house transfer point (HÜP / Gf-AP) and the fibre optic building distributor (Gf-GV)

High-quality 2-fibre fibre optic patch cable (G.657.A2), which also complies with fire protection class B2ca, s1a, d0, a1 (BauPVo).

Connection at the house connection point (HÜP / Gf-AP) with standard LC/APC connector.

Connection at the fibre optic building distributor with E3S Connect® - LC/APC connector

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: 3 m

E3S connector properties

Connection on HÜP standard – LC/APC

Whip length on HÜP approx. 7 cm Connector (straight, not stepped)

Connection on Gf-GV E3S – LC/APC

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

Material Plastic, halogen-free, flame-retardant

Insertion loss $\geq 0.12\text{dB}$ Ø - $\leq 0.25\text{dB}$ 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



Article number: **⇒ 4264002**

EAN: 4013456580725

Price group: 730

Features

Network level: 4

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

Fibre type: Single Mode Optical Fibre

Product datasheet:

Cable/line length:	3 m
Number of fibres (max.):	2
Fibre colour coding:	2-fibres: 1=red, 2=green

The E3S patch cable forms the connection line between the house transfer point (HTP) and the fibre-optic building distributor in network level 4, for example in apartment buildings.

- E3S patch cable is available in 2m and 3m lengths
- Available as 2x fibre variant
- High-quality fibre-optic cable G.657.A2
- E3S LC/APC connector for connection to the FO building distributor
- Standard LC / APC connector for easy connection directly to the house transfer point