

## E3S Connect® system cable



### E3S Connect® E3S-E3S system cable, 2xF, L=20m, FO-BD to FO-FD

- pre-assembled E3S Connect® fibre-optic cable

|                                                       |                                                                             |
|-------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>Article no:</b>                                    | <b>4264005</b>                                                              |
| EAN:                                                  | 4013456580756                                                               |
| Cable length                                          | 20 m                                                                        |
| Number of fibers                                      | 2                                                                           |
| Certificate                                           | GHMT Channel Link (z7479a-22 ; c7479a-22)                                   |
| Network level                                         | 4                                                                           |
| Fibre optic line   Fibre optic class                  | Single Mode OS2 (G.657.A2)                                                  |
| Fibre optic line   Fibre optic type                   | Single Mode Optical Fibre                                                   |
| Fibre optic line   Fibre optic color coding           | 2-fibres: 1=red, 2=green                                                    |
| Fibre optic line   Stranding element                  | Aramid Garn, 2x zentrale Festigkeitselemente                                |
| Fibre optic line   Material                           | LSZH, IEC 60332-1/-2                                                        |
| Fibre optic line   ConstructionVo                     | B2ca according to EN50575:2014 + A1:2016                                    |
| Fibre optic line   Coat strength                      | 2,00 x 2,40 mm                                                              |
| Fibre optic line   Cable Ø                            | 2,00 x 2,40 mm                                                              |
| Fibre optic line   Cable labeling                     | KAISER FTTH E3S Connect System Cable / 2E9/125 G657A2 CPR B2ca DOP 12013034 |
| Fibre optic line   Minimum bend radius                | 40 mm (Installation), 10 mm (Permanent)                                     |
| Fibre optic line   Traction                           | 250 N (Installation), 100 N (Permanent)                                     |
| Fibre optic line   Compressive strength               | 1000 N / 10 cm                                                              |
| Fibre optic line   Temperature range storage          | -40 °C / +85 °C                                                             |
| Fibre optic line   Temperature range installation     | -20 °C / +60 °C                                                             |
| Fibre optic line   Temperature range during operation | -40 °C / +80 °C                                                             |
| Connector   Connection to the FO-SC                   | Standard LC/APC                                                             |
| Connector   Whip length on FO-SC                      | ca. 7 cm Stecker (gerade nicht abgestuft)                                   |
| Connector   Connection to the FO-BD                   | E3S – LC/APC                                                                |
| Connector   Whip length on FO-BD                      | approx. 100 cm connector stepped                                            |
| Connector   Material                                  | plastic, halogen-free, flame-retardant                                      |
| Connector   Insertion Loss                            | ≥ 0.12dB Ø - ≤ 0.25dB Max. (Grade B)                                        |
| Connector   Return Loss                               | ≥ 60 dB (Grade B)                                                           |
| Stecker   Steckzyklen                                 | 1000                                                                        |
| Connector   Ferrule                                   | Ø 1,25 mm, Ceramic, axial spring-loaded                                     |
| Connector   Strain relief                             | ≥ 100 N                                                                     |
| Connector   Laser- and dust protection                | Blind plug                                                                  |
| Connector   Standard (type specification)             | IEC 61754-20                                                                |
| Connector   Temperature range storage                 | -40 °C / +85 °C                                                             |
| Connector   Temperature range installation            | -20 °C / +60 °C                                                             |
| Connector   Temperature range during operation        | -40 °C / +80 °C                                                             |
| Dispatch                                              | 10                                                                          |

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