

E3S Connect® (FO-SC) subscriber connection, flush-mounting with E3S fibre-



E3S Connect® (FO-SC) subscriber connection, flush-mounting, 2xF, LC/APC QD, L=90m, HTP

- Scope of delivery: FO subscriber connection, LC-APC coupling and pre-assembled E3S Connect® fibre optic cable

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| Article no: | 4250050 |
| EAN: | 4013456584716 |
| Cable length | 90 m |
| Number of fibers | 2 |
| Certificate | GHMT Channel Link (z7385b-22 ; c7385b-22) |
| Network level | 4 |
| Installation type | Flush-mounting |
| Protection class | IP20 |
| Impact resistance | IK07 |
| Number of splice trays | 1 |
| Halogen-free | Yes |
| Loop length (splice tray) | 180 |
| Bending radius (splice tray) | 25 mm |
| Number of cable entries | 1 |
| Cable routing | Backside (drum) |
| Temperature range storage | -10 °C / +60 °C |
| Temperature range installation | -10 °C / +60 °C |
| Temperature range during operation | -20 °C / +60 °C |
| Coupler LC/APC Quad | with flange, SC Simplex footprint |
| Coupler Amount | 1 |
| Coupler Sleeve material | Ceramic, slotted |
| Coupler Housing material | plastic, halogen-free, flame-retardant |
| Coupler Laser and dust protection | Integrated protection cap, blind plug |
| Coupler Insertion Loss | ≤ 0,20 dB |
| Coupler Mating cycles | 1000 |
| 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 |

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| Connector Connection to the FO-SC | E3S – LC/APC |
| Connector Whip length on FO-SC | approx. 50 cm connector stepped |
| Connector Connection to the HTP | Standard LC/APC |
| Connector Whip length on HTP | approx. 7 cm connector of equal length, not stepped |
| Connector Material | plastic, halogen-free, flame-retardant |
| Connector Insertion Loss | $\geq 0.12\text{dB } \emptyset - \leq 0.25\text{dB Max. (Grade B)}$ |
| Connector Return Loss | $\geq 60\text{ dB (Grade B)}$ |
| Stecker Steckzyklen | 1000 |
| Connector Ferrule | $\emptyset 1,25\text{ mm}$, Ceramic, axial spring-loaded |
| Connector Strain relief | $\geq 100\text{ N}$ |
| Connector Laser- and dust protection | Blind plug |
| Connector Standard (type specification) | IEC 61754-20 |
| Connector Temperature range storage | $-40\text{ }^{\circ}\text{C} / +85\text{ }^{\circ}\text{C}$ |
| Connector Temperature range installation | $-20\text{ }^{\circ}\text{C} / +60\text{ }^{\circ}\text{C}$ |
| Connector Temperature range during operation | $-40\text{ }^{\circ}\text{C} / +80\text{ }^{\circ}\text{C}$ |
| Dispatch | 10 |

Innovative fibre-optic subscriber connection with an installation depth of max. 32 mm for precise flush-mounting installation in all common one-gang junction boxes. The robust metal support ring with alignment markings allows convenient mounting with screw fasteners. Perfect fibre deposit management through a rotatable and removable deposit drum on the back. Equipped with 1x LC/APC Quad coupling including shutter and dust protection. Design compatibility with all common switch manufacturers with a standardised TAE cover.

- Design-compatible with all common TAE covers
- Installation in all KAISER one-gang junction boxes
- Overlength management
- with pre-assembled E3S fibre-optic cable in lengths of 10 - 100 m – other lengths available on request
- Available with 2 or 4 fibres
- High-quality fibre-optic cable G.657.A2 and BauPVo B2ca
- Cable retractable, insertable and blowable
- Pre-assembled cable is delivered in a handy unwinding box
- Subscriber connection enclosed

