

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



### E3S Connect® (FO-SC) subscriber connection, flush-mounting, 2xF, LC/APC QD, L=50m, HTP

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

<b>Article no:</b>	<b>4250042</b>
EAN:	4013456584556
Cable length	50 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

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

