

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



E3S Connect® (FO-SC) subscriber connection, surface-mounting, 4xF, LC/APC DX, L=50m, FO-BD

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

Article no:	4252099
EAN:	4013456586529
Cable length	50 m
Number of fibers	4
Certificate	GHMT Channel Link (z7479a-22 ; c7479a-22)
Length	85 mm
Width	85 mm
Height	16 mm
Network level	4
Installation type	Surface-mounted on the wall / or on a flush-mounted box / multimedia distributor
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	3
Cable entry Ø	2,3 - 5,3 mm
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 Duplex	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	4-fibres: 1=red, 2=green, 3=blue, 4=yellow
Fibre optic line Stranding element	Aramid Garn, 2x zentrale Festigkeitsselemente
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 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 fibre-optic subscriber connection forms the termination point for fibre-optic cables in the home. The innovative and splice-free E3S Connect® system enables simple, fast expansion of the FTTH concept. The pre-assembled cables with E3S Connect® – LC/APC connectors can also be blown in, pulled in and pushed in. A handy roll-off box with different cable lengths enables precise planning and easy installation.

- Compact fibre-optic subscriber connection
- Dimensions: 85x85x16 mm (LxWxH)
- Colour similar to RAL9003 signal white
- 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

