

E3S Connect® system cable



E3S Connect® E3S-E3S system cable, 4xF, L=30m, FO-BD to FO-FD

- pre-assembled E3S Connect® fibre-optic cable

Article no:	4264012
EAN:	4013456580831
Cable length	30 m
Number of fibers	4
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	4-fibres: 1=red, 2=green, 3=blue, 4=yellow
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	≥ 70 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