

FO connecting cable - VS-SCRJ-HCS-CONF - 1657614

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Customer-specific SC-RJ cable assembly, for HCS fiber 200/230 µm



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	4,610.000 g
Custom tariff number	85447000
Country of origin	Germany

Technical data

Mechanical characteristics

Minimum external conductor diameter	8 mm
Weight	0 g

Ambient conditions

Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 50 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Degree of protection	IP67
	IP20

Material data

Housing material	PBT/PA
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Electrical characteristics

Number of positions	2
Attenuation	≤ 10 dB (per km at 660 nm)

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Optical characteristics

Attenuation	≤ 10 dB (per km at 660 nm)
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Line characteristics

Type of cable	Round cable
Cable type	PCF
External cable diameter	8.00 mm
Wire colors	Red, green
External sheath, color	orange
Transmission medium	FO
Cable, attenuation	10 dB/km (at 660 nm), 8 dB/km (at 850 nm)
Outer sheath, material	PUR
Strain relief elements, external sheath	Non-metallic, aramide fiber
Cable weight	45.00 kg/km
Smallest bending radius, fixed installation	65 mm
Smallest bending radius, movable installation	65 mm
Tensile strength short-term/long-term	1000 N / 200 N
Lateral pressure short term	400.00 N/cm
Lateral pressure, long-term	100.00 N/cm
Impact strength	2 Nm / 10 x
cable layer type	Indoors
Ambient temperature (operation)	-20 °C ... 70 °C

Standards and Regulations

Impact strength	2 Nm / 10 x
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Line characteristics

Conductor structure signal line	500.00 µm ±30 µm
Core diameter including insulation	2.9 mm ±0.1 mm
Thickness, insulation	approx. 0.6 mm
External cable diameter	8 mm ±0.5 mm
Wire colors	Red, green
External sheath, color	orange
Transmission medium	FO
Number of fibers	2
Fiber type	PCF
Fiber	200/230 µm
Outer sheath, material	TPE-U
Cable weight	45 kg/km
Smallest bending radius, fixed installation	65 mm

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Line characteristics

Smallest bending radius, movable installation	65 mm
Halogen-free	According to IEC 60754-2
Resistance to oil	DIN VDE 0473, T. 811-2-1
Other resistance	ozone and UV resistant

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 10.0.1	27061002
eCl@ss 4.0	27061000
eCl@ss 4.1	27061000
eCl@ss 5.0	27061000
eCl@ss 5.1	27061000
eCl@ss 6.0	27061000
eCl@ss 7.0	27061002
eCl@ss 8.0	27061002
eCl@ss 9.0	27061002

ETIM

ETIM 3.0	EC001476
ETIM 4.0	EC001476
ETIM 5.0	EC001476
ETIM 6.0	EC001476
ETIM 7.0	EC001476

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31242105
UNSPSC 18.0	31242105
UNSPSC 19.0	31242105
UNSPSC 20.0	31242105

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Classifications

UNSPSC

UNSPSC 21.0	31242105
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Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		19060508
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Accessories

Accessories

Protective cover

Protective covers - VS-SCRJ-PC - 1653757



IP67 protective cover, for covering the male inserts in the sleeve housings IP67, VS-SC-RJ-..., VS-04-..., VS-06-... and VS-08-...