

LSOH wire with increased temperature range 4GKW-SC

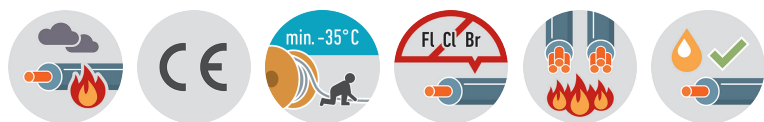


DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

Application: This insulated wire is designed for application in busses and rail-borne vehicles. If used in distribution or switching appliances up to 1000 V, it is considered to be short circuit-proof. The cable is halogen-free, flame-retardant and resistant to most oils and grease.

Construction and technical data:

Conductor material:	tinned copper
Conductor construction:	Class 5 = flexible
Insulation:	cross-linked polyolefin-copolymer
Sheathing material:	polyolefin
Colour of outer sheath:	black
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Smoke density:	DIN EN 61034/IEC 61034
Halogen-free:	DIN EN 50267/IEC 60754
Oil-resistant:	EN 60811-404
Ozone-resistant:	yes
Max. temperature at conductor, °C:	120 °C
Permitted outer cable temperature, fixed, °C:	-60 - +120 °C
Permitted outer cable temperature, moved, °C:	-35 - +90 °C
Bending radius, fixed installation:	6 x Ø
Bending radius, moving application:	8 x Ø



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

FABER[®] 4GKW-SC PLUS 1.8/3 kV**Nominal voltage U_o:** 1.8 kV**Nominal voltage U:** 3 kV**Nominal voltage (DC):** 2,7 kV**Test voltage:** 6.5 kV

part no.	part name	RI [Ohm/km]	Ø [mm]	Ev [kWh/m]	Cu	G [kg]
040714	01X35	0.565	12	0.31	336	390
040720	01X185	0.108	23.8	0.93	1776	1802
040721	01X240	0.0817	26.8	1.16	2304	2348

RI	Conductor resistance
Ø	outer diameter approx.
Ev	Combustion heat (fire load)
Cu	Copper weight (GER)
G	net weight per 1000