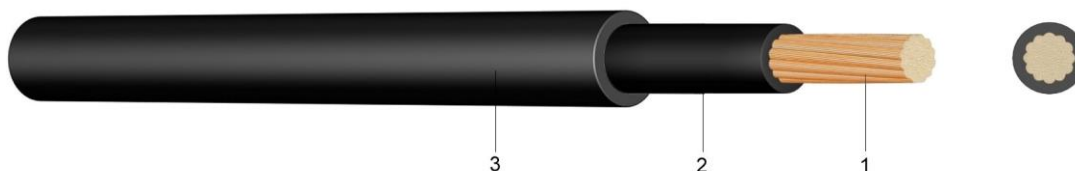




## NSHXAFö Special Rubber Single Core Cable 1,8 / 3 kV Halogen-Free

**Application:** For track bound vehicles and trackless trolley buses as well as for installations in dry locations, in switchboards and distributors up to 1.000 V as a short circuit and earth fault proof cable at the nominal voltage of  $U_0 / U$  1.8 / 3 kV.



**Construction:**

- 1 ..... fine-stranded bare or tinned copper
- 2 ..... EPR rubber insulation
- 3 ..... outer sheath of halogen-free polymer, black, ozon resistant abrasion an oil resistant, flame retardant

**Standards:** DIN VDE 0250 part 602  
DIN EN 60228 class 5 (construction)

**Technical data:**

Nominal voltage $U_0/U$	[V]	1800 / 3000 Volt
Test voltage	[V] <sub>ac</sub>	6000
Temperature range	in motion	-25°C till +70°C
	fixed	-40°C till +70°C
Operating temperature	short circuit	250°C
Short circuit time	max.	[sec]
Bending radius	one time / fixed	x diameter
Bending radius	in motion	x diameter
Oil-resistant	standard	EN 60811-2-1
Flammability	standard	EN 60332-1-2

Nominal cross section mm <sup>2</sup>	from stock	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Current carrying capacity air A	Weight appr. kg / km
2,5	●	25	50 x 0,26	7,5	41	70
4	○	40	56 x 0,31	9,0	55	90
6	●	60	84 x 0,31	9,5	70	120
10	●	100	80 x 0,41	11,0	98	180
16	●	160	126 x 0,41	13,0	132	250
25	●	250	196 x 0,41	15,0	176	390
35	●	350	276 x 0,41	16,5	218	470
50	●	500	396 x 0,41	18,0	276	625
70	●	700	360 x 0,51	20,5	347	880
95	●	950	475 x 0,51	24,0	416	1.190
120	○	1.200	608 x 0,51	26,0	488	1.430
150	●	1.500	756 x 0,51	28,0	566	1.750
185	●	1.850	925 x 0,51	31,0	644	2.160
240	○	2.400	1221 x 0,51	34,5	775	2.718
300	○	3.000	1530 x 0,51	30,6	898	3.050