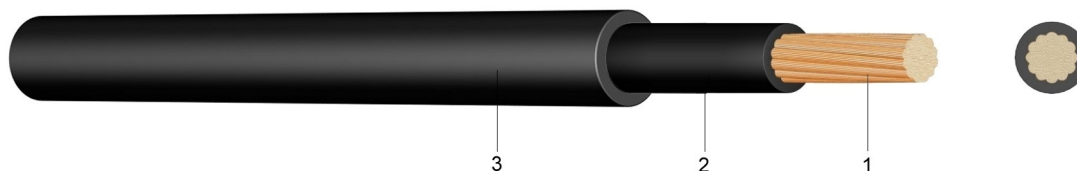


NSHXAFöu Special Rubber Single Core Cable 1,8 / 3 kV Halogen-Free

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] _{ac}	6000
Temperature range	in motion fixed	-25°C till +70°C -40°C till +70°C
Operating temperature	short circuit	°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	Copper figure	Cond. construction (appr. value)	Overall diameter	Current carrying capacity	Weight
mm ²	kg/km	mm	appr. mm	air A	appr. kg/km
2,5	24,0	50 x 0,26	7,5	41	70
4	38,4	56 x 0,31	9,0	55	90
6	57,6	84 x 0,31	9,5	70	120
10	96,0	80 x 0,41	11,0	98	180
16	153,6	126 x 0,41	13,0	132	250
25	240,0	196 x 0,41	15,0	176	390
35	336,0	276 x 0,41	16,5	218	470
50	480,0	396 x 0,41	18,0	276	625
70	672,0	360 x 0,51	20,5	347	880
95	912,0	475 x 0,51	24,0	416	1.190
120	1.152,0	608 x 0,51	26,0	488	1.430
150	1.440,0	756 x 0,51	28,0	566	1.750
185	1.776,0	925 x 0,51	31,0	644	2.160
240	2.304,0	1221 x 0,51	34,5	775	2.718
300	2.880,0	1530 x 0,51	30,6	898	3.050