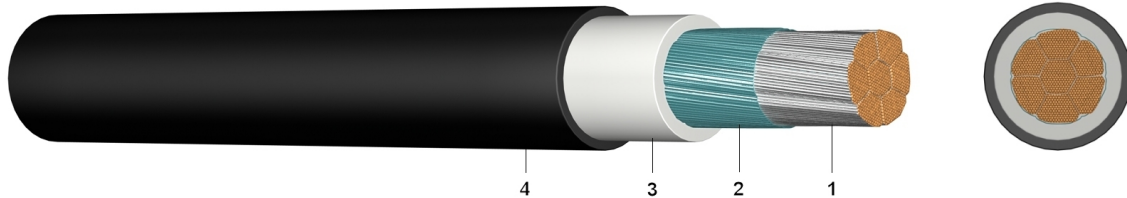


## NSGAFöu (GHöuf)

## Special Rubber Single Core Cable 1,8 / 3 kV

### 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 tinned copper
- 2 ..... wrapped with Alu-PT-Film
- 3 ..... EPR rubber insulation
- 4 ..... outer sheath of polychloroprene, black, abrasion an oil resistant, flame retardant

### Information:

NSGAFöu 3,6/6KV : Prices and delivery times on inquiry.

### 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 +80°C
Operating temperature	short circuit	200
Short circuit time	max.	5
Bending radius	one time / fixed	6
	in motion	10
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 <sup>2</sup>	kg/km	mm	appr. mm	air A	appr. kg/km
1,5	14,4	30 x 0,26	6,5	30	60
2,5	24,0	50 x 0,26	7,0	41	70
4	38,4	56 x 0,31	7,5	55	90
6	57,6	84 x 0,31	8,5	70	120
10	96,0	80 x 0,41	10,0	98	180
16	153,6	126 x 0,41	11,0	132	250
25	240,0	196 x 0,41	13,0	176	390
35	336,0	276 x 0,41	14,0	218	470
50	480,0	396 x 0,41	15,5	276	625
70	672,0	360 x 0,51	17,0	347	880
95	912,0	475 x 0,51	19,5	416	1.190
120	1.152,0	608 x 0,51	21,5	488	1.430
150	1.440,0	756 x 0,51	23,0	566	1.750
185	1.776,0	925 x 0,51	25,0	644	2.160
240	2.304,0	1221 x 0,51	28,0	775	2.534
300	2.880,0	1530 x 0,51	32,5	898	3.178