

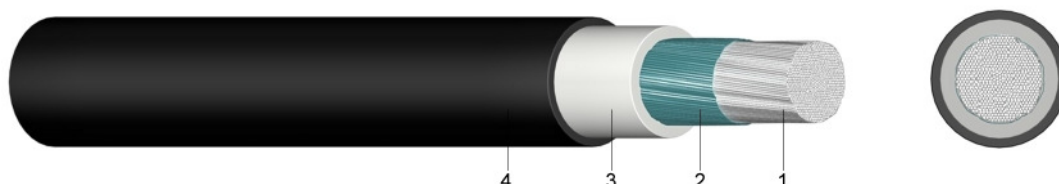
Datasheet NSGAFöu (GHöuf)

Version 1/2009

Special Rubber Single Core Cable 1,8 / 3 kV

Application:

This cable is suitable 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 and oil resistant, flame retardant

Information:

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

According to:

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		-25 °C till +80 °C
Operating temperature	short circuit	°C	200
Short circuit time	max.	[sec]	5
Bending radius	one time / fixed	x diameter	6
Bending radius	in motion	x diameter	10
Oil-resistant	standard		EN 60811-2-1
Flammability	standard		EN 60332-1-2

Nominal cross section mm ²	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Current carrying capacity air A	Weight appr. kg / km
1,5	15	30 x 0,26	6,5	30	60
2,5	25	50 x 0,26	7,0	41	70
4	40	56 x 0,31	7,5	55	90
6	60	84 x 0,31	8,5	70	120
10	100	80 x 0,41	10,0	98	180
16	160	126 x 0,41	11,0	132	250
25	250	196 x 0,41	13,0	176	390
35	350	276 x 0,41	14,0	218	470
50	500	396 x 0,41	15,5	276	625
70	700	360 x 0,51	17,0	347	880
95	950	475 x 0,51	19,5	416	1.190
120	1.200	608 x 0,51	21,5	488	1.430
150	1.500	756 x 0,51	23,0	566	1.750
185	1.850	925 x 0,51	25,0	644	2.160
240	2.400	1221 x 0,51	28,0	775	2.534
300	3.000	1530 x 0,51	32,5	898	3.178