

NSGAFÖU (Ghöuf)

Special single core rubber wire

DESIGN



- 1 | Tinned copper conductor, fine wire
- 2 | Taping (Al-PET foil)
- 3 | Core insulation (EPR-rubber)
- 4 | Sheath (polychloroprene black, oil and abrasion resistant)

APPLICATION

For application in busses and railborn vehicles, in dry rooms, if used in distribution or switching appliances up to 1000 V, it is considered to be short circuit proof. NSGAFöu 3.6/6 kV on request.

TECHNICAL DATA



Standard:
DIN VDE 0250-602



Rated voltage:
1,8/3 kV (U₀/U)



Test voltage:
6 kV / 50 Hz



Temperature range:
laying temperature: min. -25 °C
fixed: -40 °C up to 80 °C
moved: -25 °C up to 80 °C
conductor temperature: max. 90 °C
short circuit temperature: max. 200 °C/5 s



Bending radius (min.):
6 x Ø of cable (fixed installed)
10 x Ø of cable (free motion)



Fire properties:
EN 60332-1-2: flame retardant
CPR classification: E_{ca}



Certificate:
VDE Germany

Nominal cross-section (mm ²)	Max. conductor resistance (Ω/km)	Current rating in the air (A)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
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1.5	13.7	30	6.3	51	500 Sp, 1000 Sp
2.5	8.21	41	6.7	63	500 Sp, 1000 Sp
4	5.09	55	7.4	82	500 Sp, 1000 Sp
6	3.39	70	7.9	103	500 Sp, 1000 Sp
10	1.95	98	9.5	159	500 Sp, 1000 Sp
16	1.24	132	10.5	219	500 D, 1000 D
25	0.795	176	12.8	335	500 D, 1000 D
35	0.565	218	14.1	435	500 D, 1000 D
50	0.393	276	15.9	582	500 D, 1000 D
70	0.277	347	17.8	757	500 D, 1000 D
95	0.21	416	20.1	1040	500 D, 1000 D
120	0.164	488	22.0	1289	500 D, 1000 D
150	0.132	566	24.0	1581	500 D, 1000 D
185	0.108	644	26.3	1895	500 D, 1000 D
240	0.0817	775	29.6	2452	500 D, 1000 D
300	0.0654	879	32.2	2998	500 D, 1000 D
400	0.0486	1060	40.5	4200	500 D, 1000 D