

NSGAFÖU

Special single core rubber wire



TECHNICAL DATA



Standard
DIN VDE 0250-602



Certificate
VDE Germany



Test Voltage
6 kV / 50 Hz



Rated Voltage
1,8/3 kV (U₀/U)



Bending radius (min.)
10 x Ø of cable (free motion)

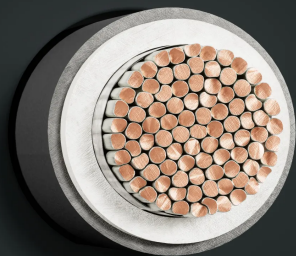


Fire properties
EN 60332-1-2: flame retardant



Temperature range
Laying temperature: min. -25°C
Conductor temperature: max. 90°C
Short circuit temperature: max. 200°C
Fixed installation: -40°C up to 80°C
Flexible use: -25°C up to 80°C

DESIGN



1

Fine-stranded tinned copper conductor

2

Strapping (Al-PET foil)

3

Wire insulation (EPR rubber)

4

Jacket (black polychloroprene, oil-resistant and abrasion-resistant)

Number of cores x nominal cross-section	Outer diameter appr. (mm)	Total weight appr. (kg/km)	Max. conductor resistance (Ω /km)	Current rating in the air (A)
1 x 1.5	6.3	51	13.7	30
1 x 2.5	6.7	63	8.21	41
1 x 4	7.4	82	5.09	55
1 x 6	7.9	103	3.39	70
1 x 10	9.5	159	1.95	98
1 x 16	10.5	219	1.24	132
1 x 25	12.8	335	0.795	176
1 x 35	14.1	435	0.565	218
1 x 50	15.9	582	0.393	276
1 x 70	17.8	757	0.277	347
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1 x 95	20.1	1040	0.21	416
1 x 120	22.0	1289	0.164	488
1 x 150	24.0	1581	0.132	566
1 x 185	26.3	1895	0.108	644
1 x 240	29.6	2452	0.082	775
1 x 300	32.2	2998	0.065	879
1 x 400	40.5	4200	0.049	1060

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