KONEKA

We Make Modern Life Possible.



# NSGAFÖU

## Special single core rubber wire

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

**Certificate**
VDE Germany

**Test Voltage**
6 kV / 50 Hz

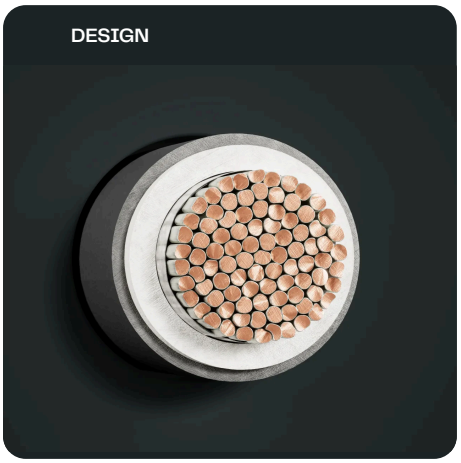
**Rated Voltage**
1,8/3 kV (Uo/U)

**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 |
| 1 x 70 | 17.8 | 757 | 0.277 | 347 |
| 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 |

Technical changes reserved. All figures are therefore without guarantee.

**CONTACT PERSON**

**Jan Pietroň**
Key Account Manager
+420 604 471 907
jan.pietron@koneka.cz

