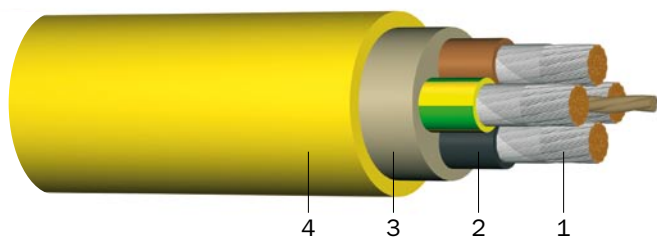


NSSHÖU

Heavy duty rubber sheathed flexible cable
Standard: VDE 0250-812

Application:

For the connection of heavy machinery under very high mechanical stress e.g. in mines, on sites and in industrial facilities, in dry or wet rooms and outdoors. Also applicable for fixed installation e.g. onto plaster.



Construction:

- 1 Copper conductor, tinned fine wire
- 2 Insulation (EPR), cores stranded in layers
- 3 Inner sheath (EPR)
- 4 Sheath (chloroprene rubber, yellow, oil and abrasion resistant)



Rated voltage: 0.6/1 kV



Test voltage: 3000 Veff



Temperature range:

During installation: min. -25 °C
 Operating temperature: fixed -40 °C to +80 °C
 moved -25 °C to +80 °C
 Conductor temperature: max. +90 °C
 Short circuit temperature of the conductor: max. +200 °C/5 s



Bending radius (min.): 4 x Ø of the cable



Core identification: colour code (VDE 0293)



Flammability:

Self extinguishing (EN 50265-2-1, IEC 60332-1)



Certification mark: VDE Germany

| Number of cores x nominal cross section (mm ²) | Max. conductor resistance (Ω/km) | Outer diameter (mm) appr. | Cu-value (kg/km) | Total weight (kg/km) appr. | Standard lengths/packing (m) | Price (EUR/km) |
|--|----------------------------------|---------------------------|------------------|----------------------------|------------------------------|----------------|
| NSSHÖU-O | | | | | | |
| 1 x 16 | 1.240 | 12.0 | 160 | 260 | 500 T, 1000 T | 5,949.35 |
| 1 x 25 | 1.795 | 14.0 | 250 | 400 | 500 T, 1000 T | 9,038.10 |
| 1 x 35 | 0.565 | 16.0 | 350 | 500 | 500 T, 1000 T | 11,240.57 |
| 1 x 50 | 0.393 | 18.0 | 500 | 680 | 500 T, 1000 T | 14,747.69 |
| 1 x 70 | 0.277 | 20.0 | 700 | 910 | 500 T, 1000 T | 19,052.83 |
| 1 x 95 | 0.210 | 22.0 | 950 | 1,170 | 500 T, 1000 T | 24,299.66 |
| 1 x 120 | 0.164 | 24.0 | 1,200 | 1,470 | 500 T, 1000 T | 29,931.86 |
| 1 x 150 | 0.132 | 28.0 | 1,500 | 1,770 | 500 T, 1000 T | 38,445.28 |
| 1 x 185 | 0.108 | 30.0 | 1,850 | 2,100 | 500 T, 1000 T | 45,387.47 |
| 1 x 240 | 0.082 | 33.0 | 2,400 | 2,750 | 500 T, 1000 T | 61,715.14 |
| 2 x 1.5 | 13.700 | 12.0 | 30 | 180 | 500 T, 1000 T | 4,029.35 |
| 3 x 2.5 | 13.700 | 14.0 | 75 | 260 | 500 T, 1000 T | 5,780.27 |
| NSSHÖU-J | | | | | | |
| 3 x 1.5 | 13.700 | 12.5 | 45 | 200 | 500 T, 1000 T | 4,631.70 |
| 4 x 1.5 | 13.700 | 13.0 | 60 | 230 | 500 T, 1000 T | 5,264.32 |
| 5 x 1.5 | 13.700 | 14.0 | 75 | 280 | 500 T, 1000 T | 6,438.29 |
| 7 x 1.5 | 13.700 | 18.0 | 105 | 350 | 500 T, 1000 T | 10,914.11 |
| 10 x 1.5 | 13.700 | 21.0 | 150 | 510 | 500 T, 1000 T | 14,737.35 |
| 3 x 2.5 | 8.210 | 14.0 | 75 | 260 | 500 T, 1000 T | 5,780.27 |

NSSHÖU

| Number of cores x nominal cross section (mm ²) | Max. conductor resistance (Ω/km) | Outer diameter (mm) appr. | Cu- value (kg/km) | Total weight (kg/km) appr. | Standard lengths/ packing (m) | Price (EUR/km) |
|---|--|---------------------------------|-------------------------|----------------------------------|-------------------------------------|-------------------|
| NSSHÖU-J | | | | | | |
| 4 x 2.5 | 8.210 | 16.0 | 100 | 360 | 500 T, 1000 T | 7,202.46 |
| 5 x 2.5 | 8.210 | 17.5 | 125 | 420 | 500 T, 1000 T | 8,452.04 |
| 7 x 2.5 | 8.210 | 19.0 | 175 | 540 | 500 T, 1000 T | 11,342.89 |
| 10 x 2.5 | 8.210 | 22.0 | 250 | 715 | 500 T, 1000 T | 16,858.08 |
| 12 x 2.5 | 8.210 | 24.0 | 300 | 820 | 500 T, 1000 T | 18,097.69 |
| 18 x 2.5 | 8.210 | 29.0 | 450 | 1,180 | 500 T, 1000 T | 26,692.91 |
| 4 x 4 | 5.090 | 18.0 | 160 | 470 | 500 T, 1000 T | 9,645.07 |
| 5 x 4 | 5.090 | 19.0 | 200 | 550 | 500 T, 1000 T | 12,234.55 |
| 4 x 6 | 3.390 | 19.5 | 240 | 580 | 500 T, 1000 T | 12,382.75 |
| 5 x 6 | 3.390 | 22.0 | 300 | 740 | 500 T, 1000 T | 16,735.07 |
| 4 x 10 | 1.950 | 24.0 | 400 | 950 | 500 T, 1000 T | 17,656.48 |
| 5 x 10 | 1.950 | 26.0 | 500 | 1,100 | 500 T, 1000 T | 24,519.69 |
| 4 x 16 | 1.240 | 28.5 | 640 | 1,400 | 500 T, 1000 T | 24,369.81 |
| 5 x 16 | 1.240 | 31.0 | 800 | 1,670 | 500 T, 1000 T | 32,865.37 |
| 4 x 25 | 0.795 | 34.0 | 1,000 | 2,000 | 500 T, 1000 T | 35,758.48 |
| 5 x 25 | 0.795 | 37.0 | 1,250 | 2,370 | 500 T, 1000 T | 48,409.59 |
| 4 x 35 | 0.565 | 38.0 | 1,400 | 2,700 | 500 T, 1000 T | 47,872.87 |
| 4 x 50 | 0.393 | 45.0 | 2,000 | 3,700 | 500 T | 65,028.06 |
| 4 x 70 | 0.277 | 47.0 | 2,800 | 4,170 | 500 T | 88,448.00 |
| 4 x 95 | 0.210 | 54.0 | 3,800 | 5,660 | 500 T | 102,117.84 |
| 4 x 120 | 0.164 | 60.0 | 4,800 | 7,050 | 500 T | 121,261.28 |
| 3 x 70/35 | 0.277/0.565 | 48.0 | 2,450 | 3,720 | 500 T | 72,814.93 |
| 3 x 95/50 | 0.210/0.393 | 55.0 | 3,350 | 5,160 | 500 T | 95,732.46 |

Subject to technical changes. All figures are therefore without guarantee.