

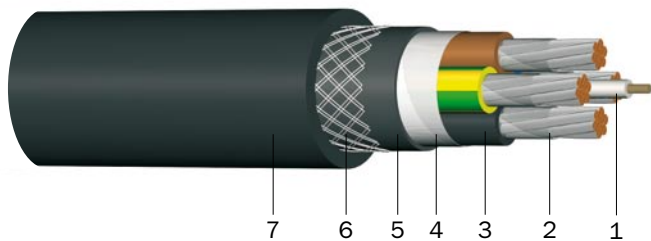
NSHTÖUK

Rubber sheathed trailing cable

Standard: similar to DIN VDE 0250-814

Application:

For applications when frequent winding and unwinding takes place during normal operation. Especially suitable under tensile and/or torsional stress and/or for forced cable guidance (e.g. trailing carriages or chains). Suitable for travelling speeds up to 120 m/min.



Construction:

- 1 Center strength member
- 2 Copper conductor, tinned fine wire
- 3 Insulation (EPR)
- 4 Taping
- 5 Inner sheath (rubber)
- 6 Open textile braiding embedded in the sheath (torsion protection)
- 7 Sheath (chloroprene rubber, black), oil resistant



Rated voltage: 0.6/1 kV



Test voltage: 2500 Veff (energy cores)
2000 Veff (control cores)



Temperature range:
During installation: min. -25 °C
Operating temperature: fixed -40 °C to +60 °C
moved -25 °C to +60 °C
Conductor temperature: max. +60 °C
Short circuit temperature of the conductor: max. +200 °C/5 s



Bending radius (min.): 6 x Ø of the cable for the machine reel
7,5 x Ø of the cable for deflection pulleys



Core identification: colour code resp. black with printed numbers (DIN VDE 0293)



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

Energy cables

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)
NSHTÖUK						
4 x 1.5	13.700	15.0	60	285	500 T, 1000 T	7,310.19
5 x 1.5	13.700	17.0	75	310	500 T, 1000 T	8,729.41
7 x 1.5	13.700	19.5	105	430	500 T, 1000 T	12,004.21
12 x 1.5	13.700	22.5	180	600	500 T, 1000 T	15,586.79
24 x 1.5	13.700	30.5	360	1,150	500 T, 1000 T	27,982.71
30 x 1.5	13.700	33.5	450	1,500	500 T, 1000 T	32,423.57
4 x 2.5	8.210	18.0	100	330	500 T, 1000 T	10,321.36
5 x 2.5	8.210	20.5	125	455	500 T, 1000 T	12,740.97
7 x 2.5	8.210	22.5	175	560	500 T, 1000 T	15,693.24
12 x 2.5	8.210	27.5	300	850	500 T, 1000 T	23,516.54
24 x 2.5	8.210	36.0	600	1,550	500 T, 1000 T	42,993.59
30 x 2.5	8.210	37.0	750	1,900	500 T, 1000 T	46,379.03
4 x 4	5.090	21.0	160	470	500 T, 1000 T	13,766.99
4 x 6	3.390	22.0	240	600	500 T, 1000 T	17,221.10
4 x 10	1.950	26.5	400	950	500 T, 1000 T	23,070.91
4 x 16	1.240	31.0	640	1,400	500 T, 1000 T	29,643.23

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NSHTÖUK						
4 x 25	0.795	36.5	1,000	1,900	500 T, 1000 T	41,444.92
4 x 35	0.565	41.0	1,400	2,600	500 T, 1000 T	53,853.29
4 x 50	0.393	48.0	2,000	3,600	500 T	71,335.26
4 x 70	0.277	52.5	2,800	4,700	500 T	92,833.82
4 x 95	0.210	60.0	3,800	6,200	500 T	118,333.42

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