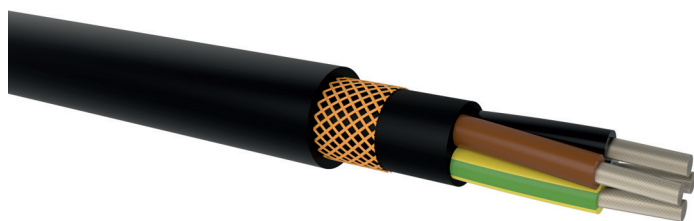


## NSHTöu

Trailing cable, cable for cranes

### DESIGN



- 1 | Tinned copper conductor, fine wire
- 2 | Core insulation (EPR-rubber)
- 3 | Inner sheath (rubber; open textile braiding embedded in the sheath (torsion protection))
- 4 | Sheath (polychloroprene black, UV and oil resistant)

### APPLICATION

As a reelable connection and control cable in conveying and transporting systems; in dry and damp rooms, as well as outdoors. Due to the textile fabric between the inner and outer sheath, frequent winding and unwinding processes with simultaneous tensile and torsional stress are possible.

### TECHNICAL DATA



**Standard:**  
DIN VDE 0250-814



**Rated voltage:**  
0.6/1 kV (U<sub>0</sub>/U)



**Test voltage:**  
4 kV / 50 Hz



**Temperature range:**  
laying temperature: min. -25 °C  
fixed: -40 °C up to 60 °C  
moved: -20 °C up to 90 °C  
conductor temperature: max. 60 °C  
short circuit temperature: max. 200 °C/5 s



**Bending radius (min.):**  
8 x Ø of cable



**Core identification:**  
HD 308 S2



**Fire properties:**  
EN 60332-1-2: flame retardant

Number of cores x nominal cross-section (mm <sup>2</sup> )	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
<b>NSHTöu</b>				
4 x 1.5	13.7	11.8	222	500 D, 1000 D
5 x 1.5	13.7	12.7	260	500 D, 1000 D
7 x 1.5	13.7	16.0	380	500 D, 1000 D
12 x 1.5	13.7	22.5	600	500 D, 1000 D
18 x 1.5	13.7	22.1	770	500 D, 1000 D
24 x 1.5	13.7	26.1	1000	500 D, 1000 D
30 x 1.5	13.7	29.5	1320	500 D, 1000 D
4 x 2.5	8.21	14.4	335	500 D, 1000 D
5 x 2.5	8.21	15.4	390	500 D, 1000 D
7 x 2.5	8.21	17.9	505	500 D, 1000 D
12 x 2.5	8.21	25.0	970	500 D, 1000 D
18 x 2.5	8.21	25.9	1100	500 D, 1000 D
24 x 2.5	8.21	30.8	1450	500 D, 1000 D
30 x 2.5	8.21	34.9	1950	500 D, 1000 D
4 x 4	5.09	16.0	435	500 D, 1000 D
5 x 4	5.09	17.3	520	500 D, 1000 D
4 x 6	3.39	17.4	530	500 D, 1000 D
5 x 6	3.39	19.7	690	500 D, 1000 D

## NSHTöu

Trailing cable, cable for cranes

Number of cores x nominal cross-section (mm <sup>2</sup> )	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/ packing (m)
<b>NSHTöu</b>				
4 x 10	1.95	21.3	830	500 D, 1000 D
5 x 10	1.95	23.1	1000	500 D, 1000 D
4 x 16	1.24	24.7	1170	500 D, 1000 D
5 x 16	1.24	26.8	1400	500 D, 1000 D
4 x 25	0.795	31.4	1830	500 D, 1000 D
4 x 35	0.565	33.9	2280	500 D, 1000 D
5 x 35	0.565	38.3	2950	500 D, 1000 D
4 x 50	0.393	40.2	3220	500 D, 1000 D
4 x 70	0.277	44.5	4200	500 D, 1000 D
4 x 95	0.21	51.0	5530	500 D, 1000 D
4 x 120	0.164	62.0	8600	500 D, 1000 D
4 x 150	0.132	67.6	9090	500 D, 1000 D

Technical changes reserved. All figures are therefore without guarantee.

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