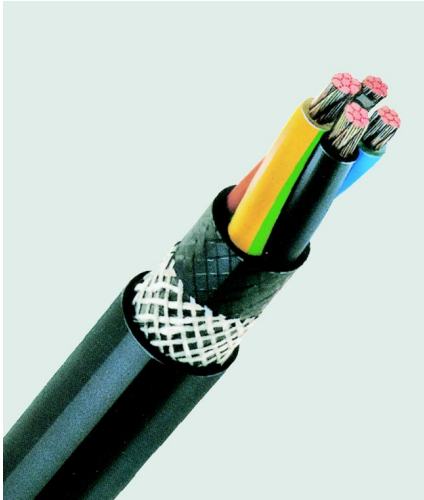



Construction

Fine-stranded tinned copper conductor according to VDE 0295, insulation of a rubber compound (GI1), core marking according to DIN VDE 0293. Cores are narrowly stranded and layered around a pilot core made of plastic or yarn threads, which are extruded with rubber. For the 4 and 5-core types the interstices of the cable are filled with yarn threads. Each layer is wrapped, inner sheath of rubber (5GM2). To protect the cable from torsion an open plaiting out of plastic threads is embedded in the outer sheath, rubber (5GM2) outer sheath, black, oil resistant and flame retardant.

Application

It is to be used in dry and humid locations as well as in the open-air for frequent reeling processes and when the cable is exposed to heavy tensile and torsion load as well as to forced bending as in the case of piped vehicles, line chains, drums or other mechanical equipment. Travel speed up to 120 m / min.

Temperature range

In motion - 35°C till + 80°C

For fixed installation - 45°C till + 80°C

Admissible conductor temperature + 90°C

Number of cores and nominal cross section mm ²	Price EUR / km	Copper figure kg / km	Cond. construction (approx. value) mm	Overall diameter ca. mm	Weight ca. kg / km
NSHTöu(K)-J 0,6/1 KV					
4 x 1,5	6.284,89	60	44 x 0,21	15,0	290
5 x 1,5	7.505,05	75	44 x 0,21	17,5	320
7 x 1,5	10.320,54	105	44 x 0,21	20,5	460
12 x 1,5	13.400,65	180	44 x 0,21	23,5	820
18 x 1,5	19.017,47	270	44 x 0,21	27,5	980
24 x 1,5	24.057,95	360	44 x 0,21	31,0	1230
30 x 1,5	27.875,95	450	44 x 0,21	33,5	1500
4 x 2,5	8.873,72	100	73 x 0,21	18,0	385
5 x 2,5	10.953,97	125	73 x 0,21	20,5	460
7 x 2,5	13.492,16	175	73 x 0,21	22,5	600
12 x 2,5	20.218,19	300	73 x 0,21	27,5	1050
18 x 2,5	27.771,81	450	73 x 0,21	30,5	1360
24 x 2,5	36.963,47	600	73 x 0,21	33,5	1600
30 x 2,5	39.874,08	750	73 x 0,21	37,0	2110
25 x 1,5 + 5 x 1,5 C	41.181,01	566	44 x 0,21	40,0	2140
19 x 2,5 + 5 x 1,5 C	34.942,94	689	73 x 0,21	37,0	1940
4 x 4	11.836,09	160	75 x 0,26	21,0	520
4 x 6	14.805,73	240	119 x 0,26	23,5	660
4 x 10	19.835,07	400	196 x 0,26	28,5	970
4 x 16	25.485,58	640	210 x 0,31	31,0	1350
4 x 25	35.632,00	1000	336 x 0,31	36,5	1970
4 x 35	46.300,02	1400	475 x 0,31	41,5	2440
4 x 50	61.332,75	2000	684 x 0,31	48,0	3390
4 x 70	79.813,28	2800	551 x 0,41	52,5	4620
4 x 95	101.736,40	3800	722 x 0,41	60,0	6100
5 x 4	13.115,70	200	75 x 0,26	22,5	620
5 x 6	16.783,06	300	119 x 0,26	26,0	790
5 x 10	22.123,16	500	196 x 0,26	30,5	1210
5 x 16	27.570,45	800	210 x 0,31	34,5	1860