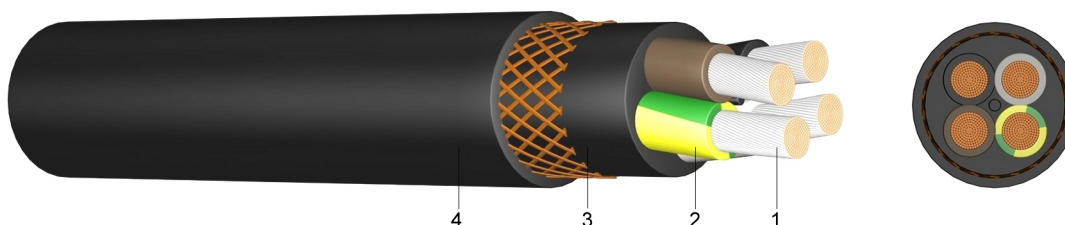


NSHTöu

Rubber Sheathed Cable for Reeling Purposes Crane Cable

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 cable carriages, line chains, drums or other mechanical equipment. Travel speed up to 120 m/min.



Construction:

- 1 fine-stranded tinned copper
- 2 core insulation of rubber compound (EPR)
- 3 inner sheath of rubber (5GM2) with open plaiting out of plastic threads to protect the cable from torsion
- 4 outer sheath of polychloroprene (5GM2), black, oil resistant and flame retardant

Standards:

DIN VDE 0250-814
 DIN EN 60228 class 5 (construction)
 HD 308 S2 (core identification)
 DIN VDE 0293-1

Information:

Please note installation instruction on page 273!
 Download elevation sheet: www.meinhart.at/service/download

Technical data:

Nominal voltage U ₀ /U	[V]	600 / 1000 Volt
Test voltage	[V] _{Ac}	4000
Temperature range	in motion	-20°C till +90°C
Operating temperature	short circuit	200
Short circuit time	max.	[sec]
Bending radius	min.	x diameter
Oil-resistant	standard	EN 60811-2-1
Flammability	standard	EN 60332-1-2

Number of cores and nominal cross section mm ²	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg/km
4 x 1,5	57,6	44 x 0,21	11,8	222
5 x 1,5	72,0	44 x 0,21	12,7	260
7 x 1,5	100,8	44 x 0,21	16,0	380
12 x 1,5	172,8	44 x 0,21	22,0	720
18 x 1,5	259,2	44 x 0,21	22,1	770
24 x 1,5	345,6	44 x 0,21	26,1	1.000
30 x 1,5	432,0	44 x 0,21	29,5	1.320
4 x 2,5	96,0	73 x 0,21	14,4	335
5 x 2,5	120,0	73 x 0,21	15,4	390
7 x 2,5	168,0	73 x 0,21	17,9	505

Number of cores and nominal cross section mm ²	Copper figure	Cond. construction (appr. value)	Overall diameter	Weight
	kg/km	mm	appr. mm	appr. kg/km
12 x 2,5	288,0	73 x 0,21	25,0	970
18 x 2,5	432,0	73 x 0,21	25,9	1.100
24 x 2,5	576,0	73 x 0,21	30,8	1.450
30 x 2,5	720,0	73 x 0,21	34,9	1.950
4 x 4	153,6	75 x 0,26	16,0	435
4 x 6	230,4	119 x 0,26	17,4	530
4 x 10	384,0	196 x 0,26	21,3	830
4 x 16	614,4	210 x 0,31	24,7	1.170
4 x 25	960,0	336 x 0,31	31,4	1.830
4 x 35	1.344,0	475 x 0,31	33,9	2.280
4 x 50	1.920,0	684 x 0,31	40,2	3.220
4 x 70	2.688,0	551 x 0,41	44,5	4.200
4 x 95	3.648,0	722 x 0,41	51,0	5.530
5 x 4	192,0	75 x 0,26	17,3	520
5 x 6	288,0	119 x 0,26	19,7	690
5 x 10	480,0	196 x 0,26	23,1	1.000
5 x 16	768,0	210 x 0,31	26,8	1.400
5 x 35	1.680,0	475 x 0,31	38,3	2.950