

NSHTöu CORDAFLEX (SMK)

Rubber Sheathed Cable for Reeling Purposes Crane Cable according to DIN VDE 0250-814



Construction

Fine-stranded tinned copper conductor, PROTOLON insulated cores, stranding with short twists, inner sheath of a special compound PCP, anti-torsion braid made of polyester threads, in a vulcanised bond between the inner and outer sheath, outer sheath of wear- and tear-resistant PCP compound, yellow, oil-, weather- and water resistant.

Application

It is to be used as a connection cable for reeling purposes for very high mechanical loads on movable appliances, mobile line carriers, and piped vehicles as well as for vertical drum operation. It is also applicable for the scope of DIN VDE 0168 and 0118, for underground and open-cast mines.

Temperature range

In motion - 35°C till + 60°C
For fixed installation - 50°C till + 80°C
Admissible conductor temperature + 90°C

Number of cores and nominal cross section		Price	Copper figure	Cond. construction (approx. value)	Overall diameter min. max.		Weight
mm²		EUR / km	kg / km	mm	value value	ca. mm	ca. kg / km
NSHTöu-J 0,6/1 KV							
CORDAFLEX (SMK)							
5 x	1,5	10.198,45	75	50 x 0,21	13,0	14,6	280
7 x	1,5	14.229,52	105	50 x 0,21	15,2	17,2	385
12 x	1,5	18.353,88	180	50 x 0,21	21,4	23,4	710
24 x	1,5	32.204,65	360	50 x 0,21	23,8	26,8	990
4 x	2,5	12.398,14	100	80 x 0,21	13,2	14,8	305
7 x	2,5	18.723,40	175	80 x 0,21	16,6	18,6	510
12 x	2,5	27.224,02	300	80 x 0,21	23,4	25,4	920
18 x	2,5	36.853,02	450	80 x 0,21	23,3	25,3	1005
24 x	2,5	50.048,17	600	80 x 0,21	26,2	29,2	1320
30 x	2,5	53.020,78	750	80 x 0,21	29,4	32,4	1660
19 x	2,5 + 5 x 1 (C)	53.805,03	657	80 x 0,21	26,2	29,2	1290
25 x	2,5 + 5 x 1 (C)	62.411,39	812	80 x 0,21	29,4	32,4	1620
4 x	4	15.335,99	160	80 x 0,26	16,0	18,0	455
4 x	6	17.950,55	240	120 x 0,26	17,4	19,4	575
4 x	10	25.440,18	400	210 x 0,26	21,6	23,6	905
4 x	16	32.216,05	640	230 x 0,31	23,7	26,7	1240
4 x	25	48.430,46	1000	360 x 0,31	28,5	31,5	1850
3 x	35 + 3 x 16 / 3	62.627,06	1210	510 x 0,31	28,5	31,5	2160
3 x	50 + 3 x 25 / 3	84.254,79	1750	530 x 0,36	34,4	37,4	2850
3 x	70 + 3 x 35 / 3	109.448,71	2450	730 x 0,36	39,7	42,7	3920
3 x	95 + 3 x 50 / 3	146.526,57	3350	780 x 0,41	44,3	47,3	5020
3 x	120 + 3 x 70 / 3	159.955,30	4300	1000 x 0,41	51,0	55,0	6630