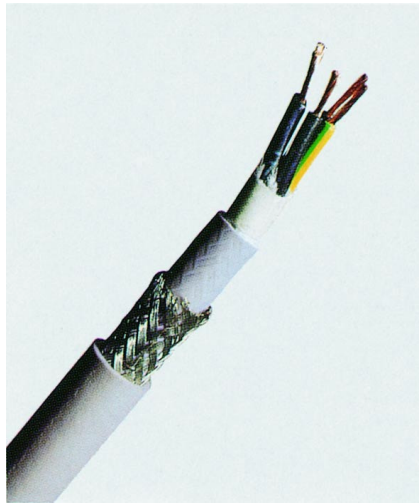


S 80 C

PVC Cable Chain Cable with Copper Braiding

adapted to DIN VDE 0281



Construction

Very fine-stranded bare copper conductors according to VDE 0295 class 6, core insulation of PVC, there is a green-yellow core (except for the 2-core types), all the other cores are black with consecutive white numbers (starting with 1 inside), specially adjusted layering with a fine cotton binding over the outer layer, inner sheath of PVC, screen of tinned copper braiding, PVC outer sheath, grey (RAL 7000), increased oil resistant.

Application

The flexible cable chain cable S 80 C is best suited for the application in moving machine parts, industrial robots, wood and packaging machines, production lines, machine tools, cable chains and automation systems. The tinned copper braiding optimises protection against high-frequency external interference.

Temperature range

In motion + 5°C till + 70°C
For fixed installation - 40°C till + 70°C

Minimum bending radius

7,5 x overall diameter

Number of cores and nominal cross section mm ²	Price EUR / km	Copper figure kg / km	Largest single wire diameter mm	Overall diameter ca. mm	Weight ca. kg / km
S 80 C 300/500 V					
2 x 0,5	2.626,40	50	0,16	9,0	114
3 x 0,5	2.902,60	57	0,16	9,3	122
4 x 0,5	3.219,10	63	0,16	9,9	138
5 x 0,5	3.558,00	78	0,16	10,5	155
7 x 0,5	4.350,20	94	0,16	11,8	199
12 x 0,5	5.849,70	132	0,16	14,4	284
18 x 0,5	7.637,10	198	0,16	16,9	402
25 x 0,5	10.675,40	264	0,16	19,7	522
36 x 0,5	13.547,00	327	0,16	22,4	693
2 x 0,75	2.698,90	58	0,16	9,5	127
3 x 0,75	2.786,90	66	0,16	9,9	140
4 x 0,75	3.118,70	83	0,16	10,5	157
5 x 0,75	3.593,80	95	0,16	11,2	184
7 x 0,75	4.427,30	114	0,16	13,4	256
12 x 0,75	6.159,00	196	0,16	15,5	334
18 x 0,75	8.407,60	269	0,16	18,5	491
25 x 0,75	11.194,40	333	0,16	21,7	641
36 x 0,75	21.169,60	450	0,16	24,5	869
2 x 1	2.833,90	63	0,16	9,7	136
3 x 1	2.958,40	74	0,16	10,1	151
4 x 1	3.335,00	93	0,16	10,7	175
5 x 1	3.754,50	108	0,16	11,5	201
7 x 1	4.890,00	141	0,16	13,8	280
12 x 1	6.792,80	227	0,16	16,3	385
18 x 1	9.362,00	316	0,16	19,0	559
25 x 1	12.472,10	398	0,16	22,7	736
36 x 1	24.172,80	545	0,16	25,2	975

Number of cores and nominal cross section mm ²	Price EUR / km	Copper figure kg / km	Largest single wire diameter mm	Overall diameter ca. mm	Weight ca. kg / km
S 80 C 300/500 V					
2 x 1,5	3.314,20	82	0,16	10,3	157
3 x 1,5	3.498,90	98	0,16	10,7	181
4 x 1,5	4.112,60	118	0,16	11,4	206
5 x 1,5	4.778,60	136	0,16	12,3	242
7 x 1,5	6.616,70	178	0,16	14,8	342
12 x 1,5	9.752,30	313	0,16	17,7	492
18 x 1,5	12.389,90	411	0,16	20,5	685
25 x 1,5	16.374,60	556	0,16	24,9	947
36 x 1,5	31.185,00	734	0,16	27,7	1244
2 x 2,5	4.934,70	109	0,16	12,1	220
3 x 2,5	6.052,20	137	0,16	13,5	275
4 x 2,5	7.188,80	172	0,16	14,4	321
5 x 2,5	8.525,20	199	0,16	15,5	374
7 x 2,5	12.514,80	310	0,16	18,7	554
12 x 2,5	16.733,90	448	0,16	22,7	778
18 x 2,5	24.855,20	639	0,16	26,6	1108
25 x 2,5	32.790,90	834	0,16	31,3	1434
36 x 2,5	35.176,40	1126	0,16	34,8	1916