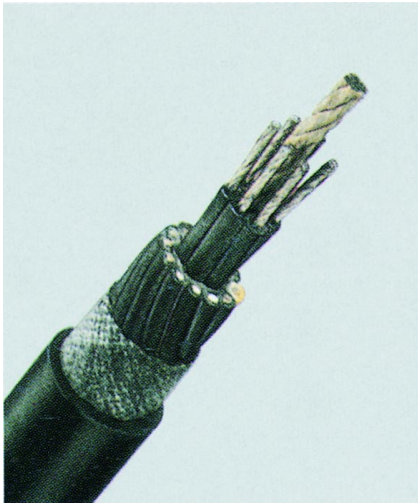


Rubber Control Cable with Supporting Element for Medium-Level Mechanical Loads

adapted to DIN VDE 0250



Construction

Fine-stranded bare copper conductor, core insulation of a rubber compound (GM), core marking according to DIN VDE 0293 tab. 1, cores are narrowly stranded and layered around a supporting element made of a bandaged cord serving as a stress relieving element, each layer is wrapped, outer sheath of rubber (5GM1), black, oil resistant and flame retardant.

Application

It is to be used in dry, humid and wet locations as well as in the open-air as a flexible power and control cable for medium-level mechanical loads. This cable is suitable for connecting movable parts of machine tools, material handling equipment and large machines.

Temperature range

In motion - 25°C till + 60°C
For fixed installation - 40°C till + 60°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
FLGöu-J 300/500 V					
7 x 1,0	4.398,57	70	56 x 0,16	13,5	230
12 x 1,0	7.483,15	120	56 x 0,16	19,5	390
18 x 1,0	10.015,10	180	56 x 0,16	20,0	475
24 x 1,0	12.582,46	240	56 x 0,16	22,5	650
30 x 1,0	14.951,83	300	56 x 0,16	25,0	850
36 x 1,0	17.506,50	360	56 x 0,16	27,0	940
48 x 1,0	22.297,55	480	56 x 0,16	30,0	1210
61 x 1,0	28.736,80	610	56 x 0,16	34,0	1530
4 x 1,5	4.215,14	60	84 x 0,16	11,8	220
5 x 1,5	4.416,93	75	84 x 0,16	12,0	230
7 x 1,5	4.926,87	105	84 x 0,16	13,5	270
9 x 1,5	5.963,49	135	84 x 0,16	16,5	410
12 x 1,5	8.523,90	180	84 x 0,16	21,0	510
18 x 1,5	11.002,02	270	84 x 0,16	22,0	630
24 x 1,5	14.610,44	360	84 x 0,16	25,0	820
4 x 2,5	5.353,06	100	140 x 0,16	12,5	309
7 x 2,5	6.518,55	175	140 x 0,16	17,5	380
8 x 2,5	7.531,01	200	140 x 0,16	18,0	460
12 x 2,5	11.496,20	300	140 x 0,16	22,5	710
18 x 2,5	15.274,88	450	140 x 0,16	24,0	880
24 x 2,5	28.863,72	600	140 x 0,16	29,0	1200