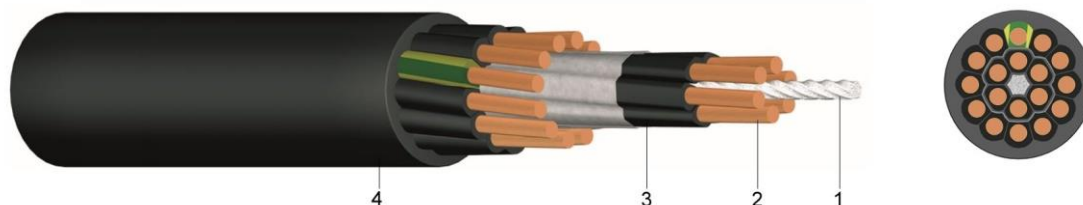




(N)FLGöu Rubber - Control Cable with Supporting Element for Medium-Level Mechanical Stress

Application:

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.



Construction:

- 1 supporting element out of cord
- 2 fine-stranded bare copper
- 3 core insulation of a rubber compound
- 4 outer sheath of rubber (5GM1), black

Standards:

adapted to DIN VDE 0250
 DIN EN 60228 class 6 (construction)
 Core identification: 1 core green/yellow, all other cores black with figures

Technical data:

Nominal voltage U ₀ /U	[V]	450 / 750 Volt
Test voltage	[V] _{Ac}	2500
Temperature range	in motion	-25°C till +60°C
Operating temperature	short circuit	250°C
Short circuit time	max.	[sec]
Bending radius	one time / fixed	x diameter
	in motion	x diameter
Flammability	standard	EN 60332-1-2

Number of cores and nominal cross section mm ²	from stock	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg / km
7 x 1	○	70	56 x 0,16	14,0	220
12 x 1	●	120	56 x 0,16	19,0	430
18 x 1	●	180	56 x 0,16	20,0	510
24 x 1	●	240	56 x 0,16	23,0	670
36 x 1	○	360	56 x 0,16	26,0	900
48 x 1	○	480	56 x 0,16	30,0	1.220
4 x 1,5	●	60	84 x 0,16	11,0	180
5 x 1,5	●	75	84 x 0,16	12,0	200
7 x 1,5	●	105	84 x 0,16	15,0	280
9 x 1,5	○	135	84 x 0,16	18,0	400
12 x 1,5	●	180	84 x 0,16	20,0	540
18 x 1,5	●	270	84 x 0,16	21,0	600
24 x 1,5	●	360	84 x 0,16	25,0	840
4 x 2,5	○	100	140 x 0,16	14,0	250
7 x 2,5	○	175	140 x 0,16	17,5	380
12 x 2,5	○	300	140 x 0,16	22,5	710

FYMYTW (300/500 V - construction with 2 supporting elements) *

12 G 1,5	○	180	30 x 0,26	12,5 x 31,5	515
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* Technical data on demand