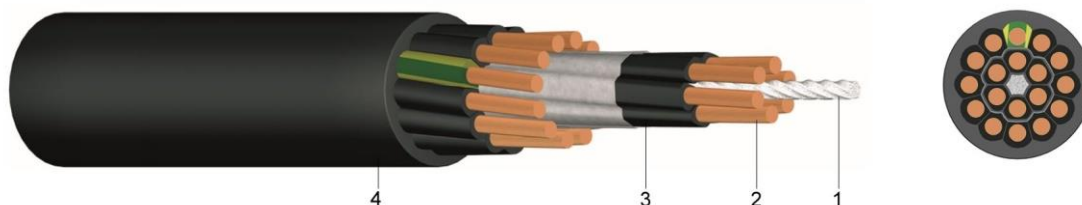


(N)FLGöu Rubber - Control Cable with Supporting Element for Medium-Level Mechanical Stress

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 | °C | 250°C |
| Short circuit time | max. | [sec] | 5 |
| Bending radius | one time / fixed | x diameter | 4 |
| | in motion | x diameter | 5 |
| 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 |
|---|---|---------------------|-------------------------------------|---------------------------|----------------------|
| 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 |