



SPEZIALKABEL / SPEZIALLEITUNGEN

FLGÖU

*Cable with supporting element
acc. to VDE 0250*



| | |
|---------------------------------------|---|
| supporting element: | textile, central arranged |
| conductor material: | bare copper |
| insulation: | rubber compound |
| sheathing material: | polychloroprene |
| conductor construction: | fine stranded class 6 |
| flame retardant: | low flammability |
| max. temperature at conductor: | +90°C |
| operating temperature fixed: | -40 bis +80°C |
| operating temperature moved: | -25 bis +80°C |
| min. bending radius moved: | 12,5 x DA |
| core identification: | colours acc. VDE 0293 (HD 308); more than 5 cores: gn-ye + numbers |
| nominal voltage U0: | 300 V |
| nominal voltage U: | 500 V |
| test voltage: | 3 kV |
| protective conductor: | yes |

application: Power and control cable in lift and conveyor facilities, machine-tools and construction machines, hoisting devices, dockyards and especially for teach pads as well as all weatherproofed machinery and facilities. Suitable for dry, humid and wet rooms also outdoor.

*The products and information presented here are for technical calculation only.
They are subject to technical progress and in no way represent the ability of shipment.
Outer diameters are approximately.*



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| KENEX PART NUMBER | NUMBER CORES X CROSS SECTION MM ² | TENSILE STRENGTH N | OUTER Ø APPROX. MM | COPPER WEIGHT KG/KM | CABLE WEIGHT KG/KM |
|-------------------------|--|--------------------------|--------------------------|---------------------------|--------------------------|
| 05502100 | FLGÖU 2 x 1 | 300 | 7,4 | 20 | 91 |
| 05503100 | FLGÖU 3 G 1 | 300 | 9,0 | 30 | 120 |
| 05504100 | FLGÖU 4 G 1 | 300 | 8,9 | 40 | 142 |
| 05505100 | FLGÖU 5 G 1 | 300 | 10,4 | 48 | 171 |
| 05507100 | FLGÖU 7 G 1 | 2290 | 13,6 | 69 | 214 |
| 05509100 | FLGÖU 9 G 1 | 300 | 14,4 | 91 | 260 |
| 05512100 | FLGÖU 12 G 1 | 6740 | 18,5 | 118 | 354 |
| 05516100 | FLGÖU 16 G 1 | 570 | 17,7 | 157 | 415 |
| 05518100 | FLGÖU 18 G 1 | 960 | 20,0 | 190 | 575 |
| 05524100 | FLGÖU 24 G 1 | 2890 | 23,4 | 256 | 630 |
| 05536100 | FLGÖU 36 G 1 | 960 | 25,8 | 355 | 846 |
| 05548100 | FLGÖU 48 G 1 | 3850 | 30,6 | 472 | 1115 |
| 05554100 | FLGÖU 54 G 1 | 1620 | 33,0 | 518 | 1580 |
| 05502150 | FLGÖU 2 x 1,5 | 300 | 8,0 | 30 | 96 |
| 05503150 | FLGÖU 3 G 1,5 | 300 | 9,5 | 44 | 141 |
| 05504150 | FLGÖU 4 G 1,5 | 570 | 11,5 | 58 | 165 |
| 05505150 | FLGÖU 5 G 1,5 | 870 | 12,5 | 72 | 195 |
| 05507150 | FLGÖU 7 G 1,5 | 260 | 14,5 | 110 | 251 |
| 05508150 | FLGÖU 8 G 1,5 | 3460 | 15,6 | 117 | 290 |
| 05509150 | FLGÖU 9 G 1,5 | 3850 | 16,3 | 132 | 325 |
| 05510150 | FLGÖU 10 G 1,5 | 450 | 17,0 | 153 | 406 |
| 05512150 | FLGÖU 12 G 1,5 | 7710 | 20,9 | 177 | 458 |
| 05518150 | FLGÖU 18 G 1,5 | 960 | 21,2 | 288 | 630 |
| 05524150 | FLGÖU 24 G 1,5 | 3850 | 25,0 | 353 | 738 |
| 05542150 | FLGÖU 42 G 1,5 | 3460 | 34,5 | 642 | 1245 |
| 05502250 | FLGÖU 2 x 2,5 | 300 | 9,7 | 49 | 143 |
| 05503250 | FLGÖU 3 G 2,5 | 300 | 10,2 | 74 | 173 |
| 05504250 | FLGÖU 4 G 2,5 | 570 | 13,1 | 103 | 230 |
| 05505250 | FLGÖU 5 G 2,5 | 860 | 14,0 | 120 | 330 |
| 05507250 | FLGÖU 7 G 2,5 | 3460 | 16,4 | 171 | 350 |
| 05509250 | FLGÖU 9 G 2,5 | 675 | 18,9 | 229 | 542 |
| 05512250 | FLGÖU 12 G 2,5 | 6060 | 24,6 | 295 | 660 |
| 05518250 | FLGÖU 18 G 2,5 | 2290 | 24,4 | 442 | 875 |
| 05524250 | FLGÖU 24 G 2,5 | 6060 | 28,5 | 589 | 1145 |
| 05536250 | FLGÖU 36 G 2,5 | 2700 | 33,2 | 864 | 1444 |
| 05504400 | FLGÖU 4 G 4 | 480 | 15,2 | 157 | 325 |
| 05504600 | FLGÖU 4 G 6 | 720 | 17,0 | 240 | 414 |
| 05541000 | FLGÖU 4 G 10 | 1200 | 21,8 | 393 | 725 |
| 05541600 | FLGÖU 4 G 16 | 1920 | 25,4 | 629 | 1028 |
| 05505400 | FLGÖU 5 G 4 | 600 | 16,8 | 197 | 430 |
| 05505600 | FLGÖU 5 G 6 | 900 | 19,2 | 295 | 560 |
| 05551000 | FLGÖU 5 G 10 | 1500 | 24,6 | 491 | 923 |
| 05551600 | FLGÖU 5 G 16 | 2400 | 28,0 | 787 | 1260 |