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# FLEXICS® SPIRAL 911

PP/PUR multicore control cable, coilable



## TECHNICAL DATA



**Test Voltage**  
4000 V / 50 Hz



**Rated Voltage**  
300/500 V (U<sub>0</sub>/U)



**Core identification**  
Colour coded or continuously numbered according to internal standards or customer requirements



**Temperature range**  
Operating temperature: -30°C up to 90°C

## DESIGN



- 1 Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228
- 2 Core insulation of polypropylene compound (PP)
- 3 Cores are stranded in layers with optimal lay-length
- 4 Mineral powder separation
- 5 Special polyurethane (PUR) outer sheath, shiny finished, colour: orange (RAL 2003), other colours upon request

| Number of cores x nominal cross-section (mm²) | Outer diameter appr. (mm) | Cu-value (kg/km) | Total weight appr. (kg/km) |
|-----------------------------------------------|---------------------------|------------------|----------------------------|
| 2 x 0.75                                      | 5.7                       | 14.4             | 39                         |
| 3 G 0.75                                      | 6.1                       | 21.6             | 47                         |
| 4 G 0.75                                      | 6.7                       | 28.8             | 59                         |
| 5 G 0.75                                      | 7.3                       | 36.0             | 71                         |
| 7 G 0.75                                      | 8.0                       | 50.0             | 93                         |
| 12 G 0.75                                     | 10.1                      | 86.4             | 150                        |
| 18 G 0.75                                     | 12.2                      | 129.6            | 224                        |
| 2 x 1                                         | 6.1                       | 19.2             | 45                         |
| 3 G 1                                         | 6.6                       | 28.8             | 57                         |
| 4 G 1                                         | 7.1                       | 38.4             | 70                         |
| 5 G 1                                         | 7.6                       | 48.0             | 85                         |
| 7 G 1                                         | 8.5                       | 67.0             | 110                        |
| 12 G 1                                        | 11.0                      | 115.2            | 184                        |
| 18 G 1                                        | 13.1                      | 172.8            | 268                        |
| 2 x 1.5                                       | 6.5                       | 29.0             | 60                         |
| 3 G 1.5                                       | 7.1                       | 43.0             | 75                         |
| 4 G 1.5                                       | 7.5                       | 57.6             | 96                         |
| 5 G 1.5                                       | 8.6                       | 72.0             | 116                        |
| 7 G 1.5                                       | 9.6                       | 101.0            | 152                        |
| 12 G 1.5                                      | 12.7                      | 172.8            | 253                        |
| 18 G 1.5                                      | 14.9                      | 259.2            | 369                        |
| 3 G 2.5                                       | 8.6                       | 72.0             | 119                        |
| 4 G 2.5                                       | 9.2                       | 96.0             | 153                        |
| 5 G 2.5                                       | 10.5                      | 120.0            | 185                        |

## CONTACT PERSON

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