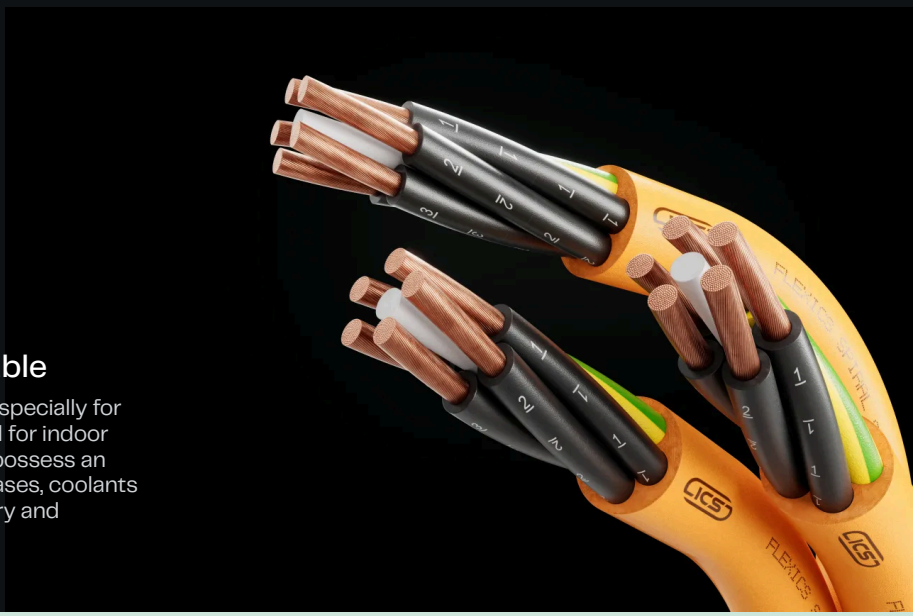
We Make Modern Life Possible.



SPECIAL CABLES

FLEXICS® SPIRAL 911

PP/PUR multicore control cable, coilable

FLEXICS® SPIRAL 911 cables have been developed especially for continuous moving machine parts. They are designed for indoor applications exposed to high mechanical stress and possess an increased resistance against a wide range of oils, greases, coolants and lubricants. These cables have a very good memory and are very durable. Further spiral processing possible.

TECHNICAL DATA

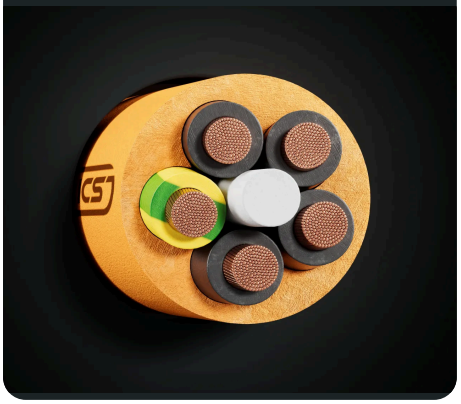
Test Voltage
4000 V / 50 Hz

Rated Voltage
300/500 V (Uo/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

Technical changes reserved. All figures are therefore without guarantee.



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