We Make Modern Life Possible.

FLEXICS® SPIRAL 1211

TPE/PUR multicore control cable, coilable

FLEXICS® SPIRAL 1211 cables are designed to withstand constant, repetitive and periodical movement during operation, even in the outdoors. They are suitable for use in dry, damp and wet locations; for heavy-duty applications in electrical tools, machinery, agriculture or construction sites. Resistant against high mechanical stress, scrubbing and grinding. 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 80°C

DESIGN



1. Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228
2. Core insulation of thermoplastic elastomer compound (TPE)
3. Mineral powder separation
4. Special polyurethane (PUR) outer sheath, shiny finished, colour: black (RAL 9005), 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	40
3 G 0.75	6.1	21.6	49
4 G 0.75	6.7	28.8	63
5 G 0.75	7.3	36.0	76
7 G 0.75	8.0	50.0	97
12 G 0.75	10.1	86.4	160
18 G 0.75	12.2	129.6	233
2 x 1	6.1	19.2	46
3 G 1	6.6	28.8	60
4 G 1	7.1	38.4	74
5 G 1	7.6	48.0	90
7 G 1	8.5	67.0	116
12 G 1	11.0	115.2	195
18 G 1	13.1	172.8	278
2 x 1.5	6.5	29.0	61
3 G 1.5	7.1	43.0	77
4 G 1.5	7.5	57.6	99
5 G 1.5	8.6	72.0	120
7 G 1.5	9.6	101.0	156
12 G 1.5	12.7	172.8	261
18 G 1.5	14.9	259.2	382
3 G 2.5	8.6	72.0	121
4 G 2.5	9.2	96.0	157
5 G 2.5	10.5	120.0	187

Technical changes reserved. All figures are therefore without guarantee.



CONTACT PERSON

Dipl. Ing. Peter Tomka

+421 37 6969631
peter.tomka@ics-cables.sk