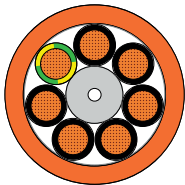


# FLEXICS® SPIRAL 1211

Coilable multicore control cable



## DESIGN (EXAMPLE)

1. Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228
2. Core insulation of thermoplastic elastomer based on polyester (TPE-E)
3. Mineral separator
4. Special polyurethane (PUR) outer sheath, shiny finished. Colour: orange (similar RAL 2003), other colours upon request

## APPLICATION

Mentioned 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. These cables resist high mechanical stress, scrubbing and grinding.

## SPECIAL FEATURES AND REMARKS

- Wide temperature range for applications in climatcally harsh environmental conditions
- Good resistance against oil fluids, e.g. battery acid, etc.
- Enhanced performance
- UV resistant in black version

## APPLICATION PARAMETERS



**Rated voltage:**  
300/500V



**Test voltage:**  
4.000 V



**Temperature range:**  
-30 °C to +80 °C



**Core identification:**  
colour coded or continuously numbered acc. to internal standards or customer requirements

dimension n x mm <sup>2</sup>	outer diameter mm	copper index kg/km	weight kg/km
2X0,75	5,7	14,4	40,0
3G0,75	6,1	21,6	49,0
4G0,75	6,7	28,8	63,0
5G0,75	7,3	36,0	76,0
7G0,75	8	50,0	97,0
12G0,75	10,1	86,4	160,0
18G0,75	12,2	129,6	233,0
2X1,0	6,1	19,2	46,0
3G1,0	6,6	28,8	60,0
4G1,0	7,1	38,4	74,0
5G1,0	7,6	48,0	90,0
7G1,0	8,5	67,0	116,0

dimension n x mm <sup>2</sup>	outer diameter mm	copper index kg/km	weight kg/km
12G1,0	11	115,2	195,0
18G1,0	13,1	172,8	278,0
2X1,5	6,5	29,0	61,0
3G1,5	7,1	43,0	77,0
4G1,5	7,5	57,6	99,0
5G1,5	8,6	72,0	120,0
7G1,5	9,6	101,0	156,0
12G1,5	12,7	172,8	261,0
18G1,5	14,9	259,2	382,0
3G2,5	8,6	72,0	121,0
4G2,5	9,2	72,0	157,0
5G2,5	10,5	120,0	187,0

Subject to technical changes. Errors and omissions excepted.