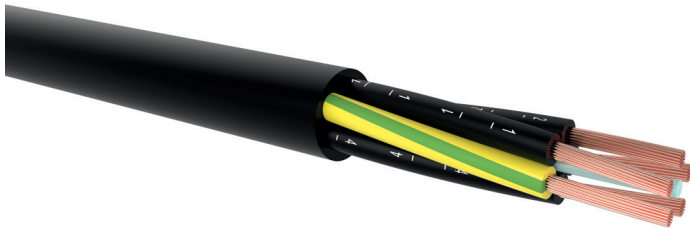


FLEXICS® SPIRAL S05BQ-F/S07BQ-F

XLPE/PUR multicore control cable, coilable

DESIGN



- 1 | Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228
- 2 | Core insulation of special compound based on cross-linked polymer (XLPE)
- 3 | Cores are stranded in layers with optimal lay-length
- 4 | Mineral powder separation
- 5 | Special polyurethane (PUR) outer sheath, shiny finished, colour: black (RAL 9005), other colours upon request

APPLICATION

FLEXICS® SPIRAL S05BQ-F/S07BQ-F cables withstand high mechanical demands like scrubbing and grinding. They are used where long lasting recovery capability and long term service life is a must. Its construction fits dry, damp or wet locations and offers good flexibility also at low temperatures, in industrial and agricultural appliances, electrical tools, on construction sites and in machinery. Further spiral processing possible.

TECHNICAL DATA



Rated voltage:
300/500 V or 450/750 V (U₀/U)



Test voltage:
core / core 2500 V / 50 Hz



Temperature range:
operating temperature: -25 °C up to 90 °C



Core identification:
colour coded or continuously numbered
according to internal standards or customer
requirements

Number of cores x nominal cross-section (mm ²)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
FLEXICS® SPIRAL S05BQ-F/S07BQ-F			
2 x 0.75	6.3	14.4	50
3 G 0.75	6.9	21.6	62
4 G 0.75	7.5	28.8	74
5 G 0.75	8.3	36.0	92
7 G 0.75	9.3	50.0	118
12 G 0.75	12.4	86.4	193
18 G 0.75	14.6	129.6	276
2 x 1	6.7	19.2	59
3 G 1	7.1	28.8	70
4 G 1	7.7	38.4	86
5 G 1	8.6	48.0	106
7 G 1	9.6	67.0	136
12 G 1	12.8	115.2	224
18 G 1	15.3	172.8	328
2 x 1.5	8.3	29.0	89
3 G 1.5	8.8	43.0	106
4 G 1.5	9.8	57.6	133



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Number of cores x nominal cross-section (mm ²)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
FLEXICS® SPIRAL S05BQ-F/S07BQ-F			
5 G 1.5	10.7	72.0	158
7 G 1.5	12.1	101.0	209
12 G 1.5	16.1	172.8	342
18 G 1.5	19.4	259.2	505
3 G 2.5	10.4	72.0	155
4 G 2.5	11.6	96.0	197
5 G 2.5	12.9	120.0	240

Technical changes reserved. All figures are therefore without guarantee.

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