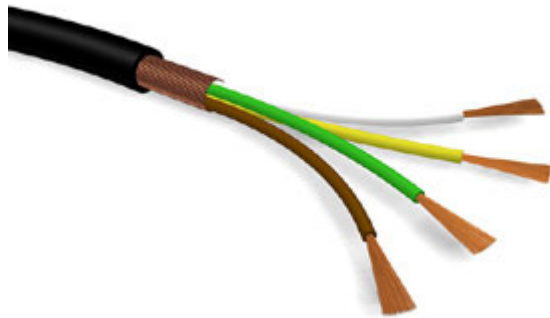


Mini-control cables with copper spiral shielding LifYDY



Application:

Miniature devices, alarm systems, light barriers, signalling systems, etc., where the highest level of flexibility and failure safety with small outside diameter are necessary.

Construction:

Conductor: thinnest bare CU-stranding, 0,05 qmm: 26x0,05 mm; 0,10 qmm: 51x0,05 mm

Core insulation: PVC according to VDE 0207/7.79 colorcode according to DIN 47100, not repeated

Winding: cores in layers

Shield: bare copper spiral shielding

Jacket: PVC according to VDE 0207/7.79, black

Electrical data:

Operating voltage: max. 300 V / 50 Hz

Testing voltage: 900 V / 50 Hz eff.

Insulation resistance: min. 200 MOhm x km at + 20° C

Conductor resistance: 0,05 qmm: 400 Ohm/km 0,10 qmm: 200 Ohm/km

Allowable temperature range:

static state: - 20 ° C to + 70° C

dynamic state: - 5° C to + 70° C

Allowable bending radius: 10 x outer dimension

Packaging:

Rings of 100 m or 250 m

Product range:

LifYDY			
qmm	O.D. (ca. mm)	Weight (kg/km)	Co.-weight (kg/km)
2x0,05	2,7	10	3,6
3x0,05	2,8	12	4,7
4x0,05	3,0	13	5,5
5x0,05	3,2	15	6,3
7x0,05	3,4	18	7,6
8x0,05	3,7	20	8,5
12x0,05	4,4	27	11,2
16x0,05	4,8	40	13,6
2x0,10	3,6	19	7,8
3x0,10	3,7	21	9,2
4x0,10	4,0	25	11,4
5x0,10	4,3	29	13,6
7x0,10	4,6	34	15,2
8x0,10	4,9	37	17,0
12x0,10	5,7	49	22,2
16x0,10	6,3	60	26,8