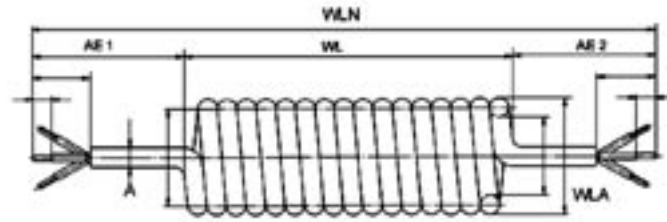


Spiral cables of Semoflex® PVC/PUR

PUR spirals for the daily indoor and outdoor use

Description



Application

Spiral cables of PVC/PUR can be used as till feeder cable and they are ideally suited for use of high quality kitchen and housekeeping utensils, lighting etc. Semoflex® PVC/PUR cables have a high reset power, an excellent appearance and especially a long service life.

Design

Conductor: plain copper, fine stranded according to VDE 0295 class 5
 Insulation: PVC Y12 according to DIN VDE 0207 part 4
 Core colour: according to VDE 0293
 Core arrangement: cores twisted around with concentric layers
 Sheath: polyurethane, 11YM1, oil resistant
 Sheath colour: black, white, orange and yellow, other colours on request
 Imprint: without imprint

Thermal properties

Maximum temperature: - 5°C up to + 80°C

Technical data in case of 20°C

Nominal voltage: 300/500 V
 Test voltage: core/core 2.000 V
 Conductor resistance: according to VDE 0295 class 5
 Insulation resistance: > 20 MOhm x km

Features

Spiral length: up to 3.000 mm
 Extended length: up to 4 times spiral length
 Straight ends: standard ends 200/200 mm
 straight ends are available up to 25 meters
 standard: axial ends, other solutions upon request
 Oil resistance: according to DIN VDE 0472 part 803, test type B

Particularity

- a production is possible from 1 piece
 - this type is available with individual customer's imprint

Spiral cables of Semoflex® PVC / PUR Spiral length up to 3.000 mm

Cross-section mm ²	Colour	Mandrel	Outer Ø cable approx. mm	Outer Ø spiral approx. mm
2 x 0,75	BK,OG	8 mm	5,6	19 - 24
3 x 0,75	BK,WH,OG	8 mm	6,1	20 - 25
4 x 0,75	BK	10 mm	7,1	24 - 29
5 x 0,75	BK	10 mm	7,5	25 - 30
7 x 0,75	BK	14 mm	8,2	31 - 36
2 x 1,00	BK,OG	8 mm	6,6	21 - 26
3 x 1,00	BK,WH,OG	8 mm	7,0	22 - 27
4 x 1,00	BK	10 mm	7,9	26 - 31
5 x 1,00	BK	12 mm	9,0	30 - 35
7 x 1,00	BK,OG	14 mm	11,0	36 - 41
12 x 1,00	BK	18 mm	12,8	44 - 49
18 x 1,00	OG	28 mm	16,4	61 - 66
2 x 1,50	BK,OG	10 mm	7,0	24 - 29
3 x 1,50	BK,WH,OG,YE	10 mm	7,8	26 - 31
4 x 1,50	BK,OG	12 mm	8,4	29 - 34
5 x 1,50	BK,WH,OG,YE	14 mm	9,4	33 - 38
7 x 1,50	BK	18 mm	10,6	39 - 44
12 x 1,50	BK	28 mm	13,6	55 - 60
18 x 1,50	BK	28 mm	16,8	62 - 67
25 x 1,50	BK	28 mm	20,0	68 - 73
3 x 2,50	BK,WH,OG	14 mm	9,30	33 - 38
5 x 2,50	OG	18 mm	11,40	41 - 46

BK = black OG = orange WH = white YE = yellow

Options: The indicated outer spiral diameters can be changed in case of wasting conditions. Other outer diameters would be possible on request.

Other designs, diameters, colours as well as working lengths are available upon request.

Spiral cables of Semoflex® PVC / PUR
Straight ends 200/200 mm, axial

Unit prices (Euro)

Cross-section mm ² BK=black, OG=orange, WH=white, YE=yellow	Block length mm	Block length				
		300	400	500	700	800
2 x 0,75 BK	9,09	10,09	11,09	14,51	15,98	
3 x 0,75 BK,WH	10,02	11,28	12,55	16,49	18,22	
4 x 0,75 BK	10,97	12,52	14,08	18,59	20,61	
5 x 0,75 BK	12,33	14,27	16,21	21,49	23,90	
7 x 0,75 BK	17,29	20,16	24,18	29,91	33,50	
2 x 1,00 BK	10,28	11,61	12,94	17,01	18,81	
3 x 1,00 BK,WH	11,64	13,35	15,06	19,90	22,09	
4 x 1,00 BK	12,47	14,44	16,41	21,76	24,20	
5 x 1,00 BK	14,06	16,50	18,93	25,22	28,12	
7 x 1,00 BK,OG	18,74	21,97	26,37	32,85	36,81	
12 x 1,00 BK	30,34	36,63	42,92	57,09	63,38	
18 x 1,00 OG	44,41	54,94	65,47	88,12	98,65	
2 x 1,50 BK	11,68	13,55	15,20	20,12	22,34	
3 x 1,50 B,W,O,Y	12,49	14,47	16,45	21,81	24,26	
4 x 1,50 BK	14,80	17,47	20,13	26,87	30,01	
5 x 1,50 B,W,O,Y	17,44	20,59	24,63	32,09	35,25	
7 x 1,50 BK,YE	19,22	22,62	27,17	33,96	38,09	
12 x 1,50 BK,YE	36,06	44,24	52,42	70,35	78,53	
18 x 1,50 OG	47,28	58,69	70,09	94,48	105,88	
25 x 1,50 OG	57,77	72,03	86,29	116,38	130,64	
3 x 2,50 BK,WH	18,04	21,37	25,58	33,40	36,72	

1000	1200	1400	1500	2000	2500	3000
19,15	23,76	27,01	29,58	41,39	62,71	75,01
21,91	27,05	30,83	33,66	47,48	71,45	86,34
24,87	30,58	34,94	38,06	54,07	80,93	98,63
28,93	35,41	40,53	44,04	63,01	93,74	115,23
40,08	46,84	53,82	56,69	80,27	119,48	149,68
22,63	27,90	31,82	34,72	49,05	73,69	89,23
26,67	32,71	37,39	40,67	57,95	86,45	105,77
29,29	35,84	41,03	44,57	63,78	94,85	116,67
34,15	41,63	47,76	51,76	74,56	110,34	136,74
44,14	51,64	59,37	62,61	89,08	132,08	165,96
76,99	90,83	104,99	111,28	163,64	233,36	297,27
120,74	143,06	165,69	176,22	261,02	373,36	478,89
27,01	33,13	37,89	41,22	58,79	87,70	107,41
29,37	35,48	41,14	44,69	63,97	90,22	111,71
36,50	44,43	51,01	55,25	79,79	112,95	141,19
43,13	50,46	58,02	61,17	86,97	125,58	158,31
45,73	53,55	61,60	65,00	92,67	137,26	172,70
95,92	113,53	131,45	139,63	206,35	294,94	377,31
129,72	153,78	178,15	189,56	281,02	402,14	516,22
160,19	189,96	220,05	234,31	347,74	497,74	639,97
44,96	52,65	60,56	63,89	91,03	128,79	163,05