


U.I. Lapp GmbH	PRODUCT INFORMATION	
	ÖLFLEX® SPIRAL 540 P	07.11.2014

Robust, halogen-free, flame-retardant PUR spiral cable with high restoring forces
 Extension lengths of up to 3.5 times the unextended spiral length, high recoiling forces
 Safety colour: yellow



Suitable for outdoor use



Good chemical resistance



Halogen-free



Cold-resistant



Mechanical resistance



Oil-resistant

Info

High restoring forces
 Halogen-free


Application range

Harsh conditions
 Mechanical engineering
 Construction industry
 Medical equipment
 In damp interiors or outdoors

Product Make-up

Strands of tinned-copper wires
 Core insulation: TPE
 Outer sheath made of special polyurethane
 Length of straight ends: 1st end = 200 mm, 2nd end = 600 mm
 Versions without the mandatory LAPP designation, but with other solid lengths, end lengths and end forms available on request

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Product features

Halogen-free
 Good resistance of the outer sheath to cutting and abrasion
 High resistance to oil, low temperatures, microbes and hydrolysis
 Special, flame-retardant polyurethane sheath compound

Remark

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges. Photographs are not to scale and do not represent detailed images of the respective products. Versions without the mandatory LAPP designation, but with other solid lengths, end lengths and end forms available on request

Technical Data

Core identification code:	Up to 5 cores: colour-coded according to VDE 0293-308, refer to Appendix T9 From 6 cores: black with white numbers
Conductor stranding:	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Nominal voltage:	0.75 - 1 mm ² : U ₀ /U: 300/500 Vac As from 1.5 mm ² : U ₀ /U = 450/750 Vac
Test voltage:	3000 V
Protective conductor:	G = with GN-YE protective conductor X = without protective conductor
Temperature range:	Flexible use: -30°C to +50°C

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Part number	Number of cores and mm² per conductor	Spiral length/ extended (mm)	Spiral length/ unextended (mm)	Cable diameter (mm)	Spiral outer diameter (mm)	Copper index kg/1.000 pieces
U ₀ /U: 300/500 V						
73220107	2 X 0,75	1000	300	6.6	23.0	46.08
73220108	2 X 0,75	2000	600	6.6	23.0	73.44
73220109	2 X 0,75	3500	1000	6.6	23.0	116.64
73220110	2 X 0,75	5000	1500	6.6	23.0	158.4
73220111	3 G 0,75	1000	300	7.0	24.0	60.48
73220112	3 G 0,75	2000	600	7.0	24.0	103.68
73220113	3 G 0,75	3500	1000	7.0	24.0	159.84
73220114	3 G 0,75	5000	1500	7.0	24.0	220.32
71220115	4 G 0,75	1000	300	7.6	29.0	100.8
71220116	4 G 0,75	2000	600	7.6	29.0	177.12
71220117	4 G 0,75	3500	1000	7.6	29.0	270.72
71220118	4 G 0,75	5000	1500	7.6	29.0	368.64
71220119	5 G 0,75	1000	300	8.5	31.0	118.8
71220120	5 G 0,75	2000	600	8.5	31.0	210.96
71220121	5 G 0,75	3500	1000	8.5	31.0	298.8
71220122	5 G 0,75	5000	1500	8.5	31.0	439.2
73220123	2 X 1	1000	300	7.0	24.0	59.52
73220124	2 X 1	2000	600	7.0	24.0	101.95
73220125	2 X 1	3500	1000	7.0	24.0	156.67
73220126	2 X 1	5000	1500	7.0	24.0	218.88
73220127	3 G 1	1000	300	7.4	29.0	104.4
73220128	3 G 1	2000	600	7.4	29.0	182.7
73220129	3 G 1	3500	1000	7.4	29.0	275.5
73220130	3 G 1	5000	1500	7.4	29.0	391.5
71220131	4 G 1	1000	300	8.2	30.0	135.94
71220132	4 G 1	2000	600	8.2	30.0	222.72
71220133	4 G 1	3500	1000	8.2	30.0	349.44
71220134	4 G 1	5000	1500	8.2	30.0	491.52
71220135	5 G 1	1000	300	9.0	32.0	161.28
71220136	5 G 1	2000	600	9.0	32.0	268.8
71220137	5 G 1	3500	1000	9.0	32.0	419.52
71220138	5 G 1	5000	1500	9.0	32.0	556.8
73220139	7 G 1	1000	350	10.9	40.0	238.0

Part number	Number of cores and mm ² per conductor	Spiral length/ extended (mm)	Spiral length/ unextended (mm)	Cable diameter (mm)	Spiral outer diameter (mm)	Copper index kg/1.000 pieces
73220140	7 G 1	2000	700	10.9	40.0	435.2
73220141	7 G 1	3500	1200	10.9	40.0	700.4
73220142	7 G 1	5000	1700	10.9	40.0	918.0
U ₀ /U: 450/750 V						
73220143	2 X 1,5	1000	300	8.4	31.0	100.34
73220144	2 X 1,5	2000	600	8.4	31.0	169.94
73220145	2 X 1,5	3500	1000	8.4	31.0	262.74
73220146	2 X 1,5	5000	1500	8.4	31.0	378.74
73220147	3 G 1,5	1000	300	8.9	32.0	145.34
73220148	3 G 1,5	2000	600	8.9	32.0	232.2
73220149	3 G 1,5	3500	1000	8.9	32.0	365.5
73220150	3 G 1,5	5000	1500	8.9	32.0	516.0
71220151	5 G 1,5	1000	350	10.9	40.0	281.52
71220152	5 G 1,5	2000	700	10.9	40.0	446.4
71220153	5 G 1,5	3500	1200	10.9	40.0	779.04
71220154	5 G 1,5	5000	1700	10.9	40.0	1072.08
73220155	7 G 1,5	1000	350	13.5	52.0	383.8
73220156	7 G 1,5	2000	700	13.5	52.0	676.7
73220157	7 G 1,5	3500	1200	13.5	52.0	1153.42
73220158	7 G 1,5	5000	1700	13.5	52.0	1588.73
73220159	3 G 2,5	1000	350	10.6	40.0	273.6
73220160	3 G 2,5	2000	700	10.6	40.0	460.8
73220161	3 G 2,5	3500	1200	10.6	40.0	770.4
73220162	3 G 2,5	5000	1700	10.6	40.0	1022.4
71220163	5 G 2,5	1000	350	13.4	51.0	498.0
71220164	5 G 2,5	2000	700	13.4	51.0	867.6
71220165	5 G 2,5	3500	1200	13.4	51.0	1380.0
71220166	5 G 2,5	5000	1700	13.4	51.0	1884.0