


U.I. Lapp GmbH	PRODUCT INFORMATION	
	UNITRONIC® SPIRAL	19.11.2014

Spiral cable with outer PUR sheath and overall shielding for exact impulse transmission
Overall screening prevents high frequency interference and guarantees accurate signal transmission
Extended lengths of up to 4 times the unextended spiral length



Mechanical resistance



Oil-resistant



Interference signals

Info

Secure against electrical interferences
PUR outer sheath

Application range

In measurement and control engineering
Wherever screened cables with smallest dimensions are required

Product Make-up

Strands of bare copper wires
Core insulation: Based on PVC
Screening: wrapped with braided copper wires
Outer sheath: PUR compound
Versions without the mandatory LAPP designation, but with other solid lengths, end lengths and end forms available on request


Product features

Abrasion and cut-resistant
Very high flexibility

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

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Technical Data

Core identification code:	DIN 47100
Peak operating voltage:	250 V (not for power transmission)
Conductor stranding:	Extra-fine wire according to VDE 0295, class 6/IEC 60228 class 6
Test voltage:	1200 V
Temperature range:	Flexing: -5 °C to +50 °C

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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
73220200	2 x 0,14	400	100	4.1	15.0	16.51
73220201	2 x 0,14	800	200	4.1	15.0	23.81
73220202	2 x 0,14	1200	300	4.1	15.0	29.76
73220203	2 x 0,14	1600	400	4.1	15.0	36.96
73220204	2 x 0,14	2000	500	4.1	15.0	48.0
73220205	3 x 0,14	400	100	4.3	18.0	21.01
73220206	3 x 0,14	800	200	4.3	18.0	30.8
73220207	3 x 0,14	1200	300	4.3	18.0	43.56
73220208	3 x 0,14	1600	400	4.3	18.0	54.89
73220209	3 x 0,14	2000	500	4.3	18.0	63.8
73220210	4 x 0,14	400	100	4.5	19.0	23.4
73220211	4 x 0,14	800	200	4.5	19.0	33.6
73220212	4 x 0,14	1200	300	4.5	19.0	45.84
73220213	4 x 0,14	1600	400	4.5	19.0	58.68
73220214	4 x 0,14	2000	500	4.5	19.0	67.2
73220215	5 x 0,14	400	100	4.8	20.0	24.48
73220216	5 x 0,14	800	200	4.8	20.0	38.16
73220217	5 x 0,14	1200	300	4.8	20.0	50.4
73220218	5 x 0,14	1600	400	4.8	20.0	60.48
73220219	5 x 0,14	2000	500	4.8	20.0	72.0
73220220	6 x 0,14	400	100	5.5	21.0	31.15
73220221	6 x 0,14	800	200	5.5	21.0	44.88
73220222	6 x 0,14	1200	300	5.5	21.0	56.32
73220223	6 x 0,14	1600	400	5.5	21.0	77.97
73220224	6 x 0,14	2000	500	5.5	21.0	73.92
73220230	12 x 0,14	400	100	7.2	27.0	56.44
73220231	12 x 0,14	800	200	7.2	27.0	95.28
73220232	12 x 0,14	1200	300	7.2	27.0	118.19
73220233	12 x 0,14	1600	400	7.2	27.0	161.02
73220234	12 x 0,14	2000	500	7.2	27.0	179.28
73220235	18 x 0,14	400	100	8.0	29.0	75.14
73220236	18 x 0,14	800	200	8.0	29.0	110.5
73220237	18 x 0,14	1200	300	8.0	29.0	150.28
73220238	18 x 0,14	1600	400	8.0	29.0	198.9



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
73220239	18 x 0,14	2000	500	8.0	29.0	221.0