

UNITRONIC® SPIRAL

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
 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

Product features

Abrasion and cut-resistant
 Very high flexibility

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

Note

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.
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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)	Pieces / PU
73220200	2 x 0,14	400	100	4.1	15.0	5
73220201	2 x 0,14	800	200	4.1	15.0	5
73220202	2 x 0,14	1200	300	4.1	15.0	5
73220203	2 x 0,14	1600	400	4.1	15.0	5
73220204	2 x 0,14	2000	500	4.1	15.0	5
73220205	3 x 0,14	400	100	4.3	18.0	5
73220206	3 x 0,14	800	200	4.3	18.0	5
73220207	3 x 0,14	1200	300	4.3	18.0	5
73220208	3 x 0,14	1600	400	4.3	18.0	5
73220209	3 x 0,14	2000	500	4.3	18.0	5
73220210	4 x 0,14	400	100	4.5	19.0	5
73220211	4 x 0,14	800	200	4.5	19.0	5
73220212	4 x 0,14	1200	300	4.5	19.0	5
73220213	4 x 0,14	1600	400	4.5	19.0	5
73220214	4 x 0,14	2000	500	4.5	19.0	5
73220215	5 x 0,14	400	100	4.8	20.0	5
73220216	5 x 0,14	800	200	4.8	20.0	5
73220217	5 x 0,14	1200	300	4.8	20.0	5
73220218	5 x 0,14	1600	400	4.8	20.0	5
73220219	5 x 0,14	2000	500	4.8	20.0	5
73220220	6 x 0,14	400	100	5.5	21.0	5
73220221	6 x 0,14	800	200	5.5	21.0	5
73220222	6 x 0,14	1200	300	5.5	21.0	5
73220223	6 x 0,14	1600	400	5.5	21.0	5
73220224	6 x 0,14	2000	500	5.5	21.0	5
73220230	12 x 0,14	400	100	7.2	27.0	1
73220231	12 x 0,14	800	200	7.2	27.0	1
73220232	12 x 0,14	1200	300	7.2	27.0	1
73220233	12 x 0,14	1600	400	7.2	27.0	1
73220234	12 x 0,14	2000	500	7.2	27.0	1
73220235	18 x 0,14	400	100	8.0	29.0	1
73220236	18 x 0,14	800	200	8.0	29.0	1
73220237	18 x 0,14	1200	300	8.0	29.0	1
73220238	18 x 0,14	1600	400	8.0	29.0	1



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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)	Pieces / PU
73220239	18 x 0,14	2000	500	8.0	29.0	1