

U.I. Lapp GmbH	DATASHEET	
	UNITRONIC® SPIRAL	73220224 18.11.2013

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

Design

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 150/100kg. 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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Technical Data

Number of cores and mm ² per conductor:	6 x 0,14
Spiral length, extended (mm):	2000
Spiral length, unextended (mm):	500
Cable diameter (mm):	5.5
Spiral outer diameter (mm):	21
Copper index kg/1.000 pieces:	73.92
Pieces / PU:	5
Core identification code:	DIN 47100
Peak operating voltage:	250 V (not for power transmission)
Specific insulation resistance:	> 10 GOhm x cm
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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