

U.I. Lapp GmbH	<b>DATASHEET</b>	
	<b>UNITRONIC® SPIRAL</b>	73220203 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 <sup>2</sup> per conductor:	2 x 0,14
Spiral length, extended (mm):	1600
Spiral length, unextended (mm):	400
Cable diameter (mm):	4.1
Spiral outer diameter (mm):	15
Copper index kg/1.000 pieces:	36.96
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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