



UNITRONIC® SPIRAL

Spiral cable with outer PUR sheath and overall shielding for exact impulse transmission



Info

- Secure against electrical interferences
- PUR outer sheath
- New: Now available in cross section 0,25mm²

Benefits

- Overall screening prevents high frequency interference and guarantees accurate signal transmission
- Extended lengths of up to 4 times the unextended spiral length

Application range

- In measurement and control engineering
- Wherever screened cables with smallest dimensions are required
- For requirements of electronic applications
- Handling and measurement equipment
- Conveyor and transport systems

Product features

- Abrasion and cut-resistant
- Very high flexibility

Product Make-up

- Conductor made of bare copper wires
- Core insulation: Based on PVC
- Screening: wrapped with braided copper wires
- Outer sheath: PUR compound
- Color of the outer jacket: Black
- 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

Technical data

Classification ETIM 5/6
ETIM 5.0/6.0 Class-ID: EC000247
ETIM 5.0/6.0 Class-Description: Spiralized cable

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

Article number	Number of cores and mm ² per conductor	Spiral length, extended (mm)	Spiral length, unextended (mm)	Cable diameter (mm)	Spiral outer diameter (mm)
UNITRONIC® SPIRAL					
73220200	2 x 0.14	400	100	4.1	15
73220201	2 x 0.14	800	200	4.1	15
73220202	2 x 0.14	1200	300	4.1	15
73220203	2 x 0.14	1600	400	4.1	15
73220204	2 x 0.14	2000	500	4.1	15
73220205	3 x 0.14	400	100	4.3	18
73220206	3 x 0.14	800	200	4.3	18
73220207	3 x 0.14	1200	300	4.3	18
73220208	3 x 0.14	1600	400	4.3	18
73220209	3 x 0.14	2000	500	4.3	18
73220210	4 x 0.14	400	100	4.5	19
73220211	4 x 0.14	800	200	4.5	19
73220212	4 x 0.14	1200	300	4.5	19
73220213	4 x 0.14	1600	400	4.5	19
73220214	4 x 0.14	2000	500	4.5	19
73220215	5 x 0.14	400	100	4.8	20
73220216	5 x 0.14	800	200	4.8	20
73220217	5 x 0.14	1200	300	4.8	20
73220218	5 x 0.14	1600	400	4.8	20
73220219	5 x 0.14	2000	500	4.8	20
73220220	6 x 0.14	400	100	5.5	21
73220221	6 x 0.14	800	200	5.5	21
73220222	6 x 0.14	1200	300	5.5	21
73220223	6 x 0.14	1600	400	5.5	21
73220224	6 x 0.14	2000	500	5.5	21
73220225	7 x 0.14	400	100	5.9	23
73220226	7 x 0.14	800	200	5.9	23
73220227	7 x 0.14	1200	300	5.9	23
73220228	7 x 0.14	1600	400	5.9	23
73220229	7 x 0.14	2000	500	5.9	23
73220230	12 x 0.14	400	100	7.2	28
73220231	12 x 0.14	800	200	7.2	28
73220232	12 x 0.14	1200	300	7.2	28
73220233	12 x 0.14	1600	400	7.2	28
73220234	12 x 0.14	2000	500	7.2	28
73220235	18 x 0.14	400	100	8	29
73220236	18 x 0.14	800	200	8	29
73220237	18 x 0.14	1200	300	8	29
73220238	18 x 0.14	1600	400	8	29
73220239	18 x 0.14	2000	500	8	29
73220240	2 x 0.25	400	100	4.7	18
73220241	2 x 0.25	800	200	4.7	18
73220242	2 x 0.25	1200	300	4.7	18
73220243	2 x 0.25	1600	400	4.7	18

Article number	Number of cores and mm ² per conductor	Spiral length, extended (mm)	Spiral length, unextended (mm)	Cable diameter (mm)	Spiral outer diameter (mm)
73220244	2 x 0.25	2000	500	4.7	18
73220245	3 x 0.25	400	100	5.3	19
73220246	3 x 0.25	800	200	5.3	19
73220247	3 x 0.25	1200	300	5.3	19
73220248	3 x 0.25	1600	400	5.3	19
73220249	3 x 0.25	2000	500	5.3	19
73220250	4 x 0.25	400	100	5.6	20
73220251	4 x 0.25	800	200	5.6	20
73220252	4 x 0.25	1200	300	5.6	20
73220253	4 x 0.25	1600	400	5.6	20
73220254	4 x 0.25	2000	500	5.6	20
73220255	5 x 0.25	400	100	6	21
73220256	5 x 0.25	800	200	6	21
73220257	5 x 0.25	1200	300	6	21
73220258	5 x 0.25	1600	400	6	21
73220259	5 x 0.25	2000	500	6	21
73220260	6 x 0.25	400	100	6.8	25
73220261	6 x 0.25	800	200	6.8	25
73220262	6 x 0.25	1200	300	6.8	25
73220263	6 x 0.25	1600	400	6.8	25
73220264	6 x 0.25	2000	500	6.8	25
73220265	7 x 0.25	400	100	7.3	26
73220266	7 x 0.25	800	200	7.3	26
73220267	7 x 0.25	1200	300	7.3	26
73220268	7 x 0.25	1600	400	7.3	26
73220269	7 x 0.25	2000	500	7.3	26
73220270	12 x 0.25	400	100	8.4	30
73220271	12 x 0.25	800	200	8.4	30
73220272	12 x 0.25	1200	300	8.4	30
73220273	12 x 0.25	1600	400	8.4	30
73220274	12 x 0.25	2000	500	8.4	30
73220275	18 x 0.25	400	100	9.5	31
73220276	18 x 0.25	800	200	9.5	31
73220277	18 x 0.25	1200	300	9.5	31
73220278	18 x 0.25	1600	400	9.5	31
73220279	18 x 0.25	2000	500	9.5	31

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 and graphics are not to scale and do not represent detailed images of the respective products.
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Accessories

- SKINTOP® CLICK refer to page 687