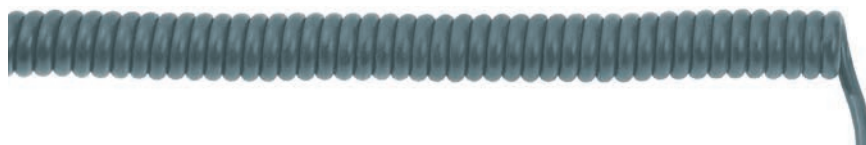




## UNITRONIC® SPIRAL LiF2Y11Y

Spiral cable with outer PUR sheath for exact impulse transmission, unshielded



**Info**

- New: the unscreened spiral cables with small cross section
- High restoring forces
- PUR outer sheath

### Benefits

- Extended lengths of up to 4 times the unextended spiral length
- Suitable for transportable machines and appliances
- Transmission of control and measuring signals

### Application range

- For requirements of electronic applications
- In measurement and control engineering
- Handling and measurement equipment
- Conveyor and transport systems

### Product features

- Abrasion and cut-resistant
- Very high flexibility
- Halogen-free and flame-retardant

### Product Make-up

- Conductor made of bare copper wires
- Core insulation: Based on Polyolefin
- Outer sheath: PUR compound
- Outer sheath colour: grey
- 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 <sup>2</sup> per conductor	Spiral length, extended (mm)	Spiral length, unextended (mm)	Cable diameter (mm)	Spiral outer diameter (mm)
<b>UNITRONIC® SPIRAL LiF2Y11Y</b>					
73220300	2 x 0.14	400	100	3.4	14
73220301	2 x 0.14	800	200	3.4	14
73220302	2 x 0.14	1200	300	3.4	14
73220303	2 x 0.14	1600	400	3.4	14
73220304	2 x 0.14	2000	500	3.4	14
73220305	3 x 0.14	400	100	3.9	15
73220306	3 x 0.14	800	200	3.9	15
73220307	3 x 0.14	1200	300	3.9	15
73220308	3 x 0.14	1600	400	3.9	15
73220309	3 x 0.14	2000	500	3.9	15
73220310	4 x 0.14	400	100	4.2	17
73220311	4 x 0.14	800	200	4.2	17
73220312	4 x 0.14	1200	300	4.2	17
73220313	4 x 0.14	1600	400	4.2	17
73220314	4 x 0.14	2000	500	4.2	17
73220315	5 x 0.14	400	100	4.5	19
73220316	5 x 0.14	800	200	4.5	19
73220317	5 x 0.14	1200	300	4.5	19
73220318	5 x 0.14	1600	400	4.5	19
73220319	5 x 0.14	2000	500	4.5	19
73220320	6 x 0.14	400	100	4.8	19
73220321	6 x 0.14	800	200	4.8	19
73220322	6 x 0.14	1200	300	4.8	19
73220323	6 x 0.14	1600	400	4.8	19
73220324	6 x 0.14	2000	500	4.8	19
73220325	7 x 0.14	400	100	5.1	20
73220326	7 x 0.14	800	200	5.1	20
73220327	7 x 0.14	1200	300	5.1	20
73220328	7 x 0.14	1600	400	5.1	20
73220329	7 x 0.14	2000	500	5.1	20
73220330	12 x 0.14	400	100	5.9	21
73220331	12 x 0.14	800	200	5.9	21
73220332	12 x 0.14	1200	300	5.9	21
73220333	12 x 0.14	1600	400	5.9	21
73220334	12 x 0.14	2000	500	5.9	21
73220335	18 x 0.14	400	100	6.8	27
73220336	18 x 0.14	800	200	6.8	27
73220337	18 x 0.14	1200	300	6.8	27
73220338	18 x 0.14	1600	400	6.8	27
73220339	18 x 0.14	2000	500	6.8	27
73220340	2 x 0.25	400	100	4.3	18
73220341	2 x 0.25	800	200	4.3	18
73220342	2 x 0.25	1200	300	4.3	18
73220343	2 x 0.25	1600	400	4.3	18

Article number	Number of cores and mm <sup>2</sup> per conductor	Spiral length, extended (mm)	Spiral length, unextended (mm)	Cable diameter (mm)	Spiral outer diameter (mm)
73220344	2 x 0.25	2000	500	4.3	18
73220345	3 x 0.25	400	100	4.5	19
73220346	3 x 0.25	800	200	4.5	19
73220347	3 x 0.25	1200	300	4.5	19
73220348	3 x 0.25	1600	400	4.5	19
73220349	3 x 0.25	2000	500	4.5	19
73220350	4 x 0.25	400	100	4.9	20
73220351	4 x 0.25	800	200	4.9	20
73220352	4 x 0.25	1200	300	4.9	20
73220353	4 x 0.25	1600	400	4.9	20
73220354	4 x 0.25	2000	500	4.9	20
73220355	5 x 0.25	400	100	5.3	20
73220356	5 x 0.25	800	200	5.3	20
73220357	5 x 0.25	1200	300	5.3	20
73220358	5 x 0.25	1600	400	5.3	20
73220359	5 x 0.25	2000	500	5.3	20
73220360	6 x 0.25	400	100	5.4	20
73220361	6 x 0.25	800	200	5.4	20
73220362	6 x 0.25	1200	300	5.4	20
73220363	6 x 0.25	1600	400	5.4	20
73220364	6 x 0.25	2000	500	5.4	20
73220365	7 x 0.25	400	100	6.1	21
73220366	7 x 0.25	800	200	6.1	21
73220367	7 x 0.25	1200	300	6.1	21
73220368	7 x 0.25	1600	400	6.1	21
73220369	7 x 0.25	2000	500	6.1	21
73220370	12 x 0.25	400	100	6.7	25
73220371	12 x 0.25	800	200	6.7	25
73220372	12 x 0.25	1200	300	6.7	25
73220373	12 x 0.25	1600	400	6.7	25
73220374	12 x 0.25	2000	500	6.7	25
73220375	18 x 0.25	400	100	8.5	31
73220376	18 x 0.25	800	200	8.5	31
73220377	18 x 0.25	1200	300	8.5	31
73220378	18 x 0.25	1600	400	8.5	31
73220379	18 x 0.25	2000	500	8.5	31
73220381	2 x 0.34	400	100	4.7	18
73220382	2 x 0.34	800	200	4.7	18
73220383	2 x 0.34	1200	300	4.7	18
73220384	2 x 0.34	1600	500	4.7	18
73220385	2 x 0.34	2000	500	4.7	18
73220386	3 x 0.34	400	100	5	19
73220387	3 x 0.34	800	200	5	19
73220388	3 x 0.34	1200	300	5	19
73220389	3 x 0.34	1600	400	5	19
73220390	3 x 0.34	2000	500	5	19
73220391	4 x 0.34	400	100	5.4	20
73220392	4 x 0.34	800	200	5.4	20
73220393	4 x 0.34	1200	300	5.4	20
73220394	4 x 0.34	1600	400	5.4	20
73220395	4 x 0.34	2000	500	5.4	20
73220396	5 x 0.34	400	100	5.9	21
73220397	5 x 0.34	800	200	5.9	21
73220398	5 x 0.34	1200	300	5.9	21
73220399	5 x 0.34	1600	400	5.9	21
73220400	5 x 0.34	2000	500	5.9	21
73220401	7 x 0.34	400	100	6.8	25
73220402	7 x 0.34	800	200	6.8	25
73220403	7 x 0.34	1200	300	6.8	25
73220404	7 x 0.34	1600	400	6.8	25
73220405	7 x 0.34	2000	500	6.8	25
73220406	10 x 0.34	400	100	8.5	30
73220407	10 x 0.34	800	200	8.5	30
73220408	10 x 0.34	1200	300	8.5	30
73220409	10 x 0.34	1600	400	8.5	30
73220410	10 x 0.34	2000	500	8.5	30
73220411	14 x 0.34	400	100	8.6	31
73220412	14 x 0.34	800	200	8.6	31
73220413	14 x 0.34	1200	300	8.6	31
73220414	14 x 0.34	1600	400	8.6	31
73220415	14 x 0.34	2000	500	8.6	31
73220416	18 x 0.34	400	100	9.7	33
73220417	18 x 0.34	800	200	9.7	33
73220418	18 x 0.34	1200	300	9.7	33
73220419	18 x 0.34	1600	400	9.7	33
73220420	18 x 0.34	2000	500	9.7	33

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.  
 Versions without the mandatory LAPP designation, but with other solid lengths, end lengths and end forms available on request

**Accessories**

- SKINTOP® CLICK refer to page 687