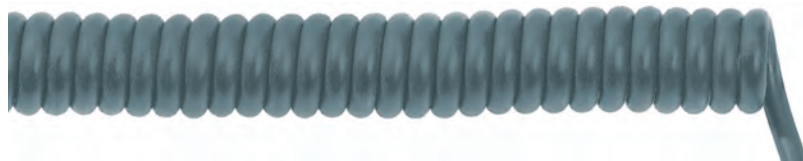


# UNITRONIC® SPIRAL LiF2Y11Y

Retractable unshielded data cable with PUR jacket



UNITRONIC® SPIRAL LiF2Y11Y is an unshielded multi-conductor signal and data cable designed to extend up to 4 times its retracted length. Designed with a polyurethane outer jacket, it is robust for heavier duty applications.

### Recommended applications

Electronic applications; measurement and control engineering; handling and measurement equipment; conveyor and transport systems

### Construction

- Conductors:** finely stranded bare copper
- Insulation:** based on polyolefin
- Jacket:** specially formulated polyurethane, gray

### Application advantage

- Abrasion- and cut-resistant jacket
- Very high flexibility
- Halogen-free and flame retardant
- Special spiral designs are available, see page 151

### Approvals



Cable attributes		page 648	
OIL	OR-05	FLAME	FR-02
MOTION	FL-02	MECH.	MP-05

Complete the installation	
SKINTOP® strain relief page 492	EPIC® connectors page 284

### Technical data

<b>Length &amp; Type of Tails:</b>	8 in (200 mm), tangential 24 in (600 mm), tangential	<b>Conductor stranding:</b>	Class 6 fine wire
<b>Temperature range:</b>	-5°C to +50°C	<b>Color code:</b>	DIN 47100: chart 8, page 682
<b>Nominal voltage:</b>	250V (not for power applications)	<b>Approvals:</b>	CE & RoHS
<b>Test voltage:</b>	1200V		

Part number	Number of conductors incl. ground	Nominal outer diameter		Nominal spiral outer diameter		Extended spiral length		Retracted spiral length		SKINTOP® SL PG thread
		in	mm	in	mm	in	mm	in	mm	
<b>26 AWG (0.14 mm²)</b>										
73220300	2	0.134	3.4	0.551	14	16	400	4	100	S1107
73220301	2	0.134	3.4	0.551	14	31	800	8	200	S1107
73220302	2	0.134	3.4	0.551	14	47	1200	12	300	S1107
73220303	2	0.134	3.4	0.551	14	63	1600	16	400	S1107
73220304	2	0.134	3.4	0.551	14	79	2000	20	500	S1107
73220305	3	0.154	3.9	0.591	15	16	400	4	100	S1107
73220306	3	0.154	3.9	0.591	15	31	800	8	200	S1107
73220307	3	0.154	3.9	0.591	15	47	1200	12	300	S1107
73220308	3	0.154	3.9	0.591	15	63	1600	16	400	S1107
73220309	3	0.154	3.9	0.591	15	79	2000	20	500	S1107
73220310	4	0.165	4.2	0.669	17	16	400	4	100	S1107
73220311	4	0.165	4.2	0.669	17	31	800	8	200	S1107

UNITRONIC® SPIRAL LiF2Y11Y

Part number	Number of conductors incl. ground	Nominal outer diameter		Nominal spiral outer diameter		Extended spiral length		Retracted spiral length		SKINTOP® SL PG thread
		in	mm	in	mm	in	mm	in	mm	
73220312	4	0.165	4.2	0.669	17	47	1200	12	300	S1107
73220313	4	0.165	4.2	0.669	17	63	1600	16	400	S1107
73220314	4	0.165	4.2	0.669	17	79	2000	20	500	S1107
73220315	5	0.177	4.5	0.748	19	16	400	4	100	S1107
73220316	5	0.177	4.5	0.748	19	31	800	8	200	S1107
73220317	5	0.177	4.5	0.748	19	47	1200	12	300	S1107
73220318	5	0.177	4.5	0.748	19	63	1600	16	400	S1107
73220319	5	0.177	4.5	0.748	19	79	2000	20	500	S1107
73220320	6	0.189	4.8	0.748	19	16	400	4	100	S1107
73220321	6	0.189	4.8	0.748	19	31	800	8	200	S1107
73220322	6	0.189	4.8	0.748	19	47	1200	12	300	S1107
73220323	6	0.189	4.8	0.748	19	63	1600	16	400	S1107
73220324	6	0.189	4.8	0.748	19	79	2000	20	500	S1107
73220325	7	0.201	5.1	0.787	20	16	400	4	100	S1109
73220326	7	0.201	5.1	0.787	20	31	800	8	200	S1109
73220327	7	0.201	5.1	0.787	20	47	1200	12	300	S1109
73220328	7	0.201	5.1	0.787	20	63	1600	16	400	S1109
73220329	7	0.201	5.1	0.787	20	79	2000	20	500	S1109
73220330	12	0.232	5.9	0.827	21	16	400	4	100	S1109
73220331	12	0.232	5.9	0.827	21	31	800	8	200	S1109
73220332	12	0.232	5.9	0.827	21	47	1200	12	300	S1109
73220333	12	0.232	5.9	0.827	21	63	1600	16	400	S1109
73220334	12	0.232	5.9	0.827	21	79	2000	20	500	S1109
73220335	18	0.268	6.8	1.063	27	16	400	4	100	S1109
73220336	18	0.268	6.8	1.063	27	31	800	8	200	S1109
73220337	18	0.268	6.8	1.063	27	47	1200	12	300	S1109
73220338	18	0.268	6.8	1.063	27	63	1600	16	400	S1109
73220339	18	0.268	6.8	1.063	27	79	2000	20	500	S1109
<b>24 AWG (0.25 mm²)</b>										
73220340	2	0.169	4.3	0.709	18	16	400	4	100	S1107
73220341	2	0.169	4.3	0.709	18	31	800	8	200	S1107
73220342	2	0.169	4.3	0.709	18	47	1200	12	300	S1107
73220343	2	0.169	4.3	0.709	18	63	1600	16	400	S1107
73220344	2	0.169	4.3	0.709	18	79	2000	20	500	S1107
73220345	3	0.177	4.5	0.748	19	16	400	4	100	S1107
73220346	3	0.177	4.5	0.748	19	31	800	8	200	S1107
73220347	3	0.177	4.5	0.748	19	47	1200	12	300	S1107
73220348	3	0.177	4.5	0.748	19	63	1600	16	400	S1107
73220349	3	0.177	4.5	0.748	19	79	2000	20	500	S1107
73220350	4	0.193	4.9	0.787	20	16	400	4	100	S1107
73220351	4	0.193	4.9	0.787	20	31	800	8	200	S1107
73220352	4	0.193	4.9	0.787	20	47	1200	12	300	S1107
73220353	4	0.193	4.9	0.787	20	63	1600	16	400	S1107
73220354	4	0.193	4.9	0.787	20	79	2000	20	500	S1107
73220355	5	0.209	5.3	0.787	20	16	400	4	100	S1109
73220356	5	0.209	5.3	0.787	20	31	800	8	200	S1109
73220357	5	0.209	5.3	0.787	20	47	1200	12	300	S1109
73220358	5	0.209	5.3	0.787	20	63	1600	16	400	S1109
73220359	5	0.209	5.3	0.787	20	79	2000	20	500	S1109
73220360	6	0.213	5.4	0.787	20	16	400	4	100	S1109
73220361	6	0.213	5.4	0.787	20	31	800	8	200	S1109
73220362	6	0.213	5.4	0.787	20	47	1200	12	300	S1109
73220363	6	0.213	5.4	0.787	20	63	1600	16	400	S1109
73220364	6	0.213	5.4	0.787	20	79	2000	20	500	S1109
73220365	7	0.240	6.1	0.827	21	16	400	4	100	S1109
73220366	7	0.240	6.1	0.827	21	31	800	8	200	S1109
73220367	7	0.240	6.1	0.827	21	47	1200	12	300	S1109
73220368	7	0.240	6.1	0.827	21	63	1600	16	400	S1109
73220369	7	0.240	6.1	0.827	21	79	2000	20	500	S1109
73220370	12	0.264	6.7	0.984	25	16	400	4	100	S1111
73220371	12	0.264	6.7	0.984	25	31	800	8	200	S1111
73220372	12	0.264	6.7	0.984	25	47	1200	12	300	S1111
73220373	12	0.264	6.7	0.984	25	63	1600	16	400	S1111
73220374	12	0.264	6.7	0.984	25	79	2000	20	500	S1111
73220375	18	0.335	8.5	1.220	31	16	400	4	100	S1111
73220376	18	0.335	8.5	1.220	31	31	800	8	200	S1111
73220377	18	0.335	8.5	1.220	31	47	1200	12	300	S1111
73220378	18	0.335	8.5	1.220	31	63	1600	16	400	S1111
73220379	18	0.335	8.5	1.220	31	79	2000	20	500	S1111

Custom configurations are available. Utilize the custom cable design form on page 151 or contact your LAPP sales representative.

Recommended SKINTOP® assumes minimal OD variance. Additional configurations are available; please see our SKINTOP® section. If not otherwise specified, all values relating to the product are nominal values.