

SAPFLEX KABEL

DISTRONIC - LiYCY

RoHS 

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■ **Technical data**

 Core identification code DIN 47100, without colour repetition	 Range of temperature fixed installation: -15 °C to + 80 °C	 Minimum bending radius Flexing: 15 x cable diameter fixed, insulation: 6 x cable diameter	 Conductor Strand, fine wire 0.34 sqmm, 7 wire	 Inductivity Approx. 0.65 mH / km
 Mutual capacitance C / C approx. 140 nF / km C / S approx. 190 nF / km	 Peak working voltage 250 V (not for power applications)	 Specific insulation resistance > 20 GOhm x cm	 Based on VDE 0812	 Test voltage at 0.14 sqmm: 1200 V > 0.14 sqmm: 1500 V

■ **Application range**

- * Used for computer system, MSR technology, Office machinery, scales screened cables with small dimensions.
- * Dry and damp indoors


■ **Product Make-UP**

- * Bare copper wire bunched conductor
- * PVC core insulation and outer sheath
- * Screen made of tinned copper wire braid
- * Colour: grey

■ **Product features**

- * Core colour code in accordance with DIN 47100 excepting for extruded secondary colour line in place of ring printing.
- * Flame-retardant acc. to IEC 60332-1-2

■ **Approvals (Norm references)**

- * Using RoHS compliances compounds
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Part Number	Number of cores and mm ² per conductor	Outer diameter in mm approx.	Copper index Kg./km	Weight kg./km approx
DISTRONIC LiYCY ; U_o / U: 300 / 500 V				
1100012	2 X 0.14	4.1	12.0	26
1100013	3 X 0.14	4.2	13	29
1100014	4 X 0.14	4.5	14.3	34
1100015	5 X 0.14	4.8	15.5	40
1100016	6 X 0.14	5.3	18.2	48
1100017	7 X 0.14	5.3	19.0	49
1100018	8 X 0.14	6.0	21.2	58
1100110	10 X 0.14	6.6	28.5	68
1100112	12X 0.14	6.8	30.4	75
1100114	14X 0.14	7.1	32.0	82
1100115	15 X 0.14	7.4	37.8	88
1100116	16 X 0.14	7.4	43.0	91
1100118	18 X 0.14	7.7	48.8	99
1100120	20X 0.14	8.1	53.9	106
1100121	21X 0.14	8.3	55.5	114
1100125	25X 0.14	9.0	63.0	130
1100128	28X 0.14	9.5	66.1	142
1100130	30X 0.14	9.5	69.0	148
1100022	2 X 0.25	4.8	16.0	35
1100023	3 X 0.25	5.0	21.0	40
1100024	4 X 0.25	5.3	24.0	47
1100025	5 X 0.25	5.9	29.0	58
1100026	6 X 0.25	6.3	30.0	66
1100027	7 X 0.25	6.3	37.0	68
1100028	8 X 0.25	7.0	42.0	79
1100210	10 X 0.25	7.7	46.0	93
1100212	12 X 0.25	7.9	53.0	102
1100214	14 X 0.25	8.2	59.0	113
1100215	15 X 0.25	8.6	61.0	121
1100216	16 X 0.25	8.6	64.0	125
1100218	18 X 0.25	9.0	83.0	136
1100220	20 X 0.25	9.4	88.0	147
1100221	21 X 0.25	9.8	93.0	160
1100225	25 X 0.25	10.6	114.0	184
1100228	28 X 0.25	11.1	126.0	202
1100230	30 X 0.25	11.2	132.0	208
1100032	2 X 0.34	5.2	21.0	42
1100033	3 X 0.34	5.5	27.0	48
1100034	4 X 0.34	5.9	28.0	58
1100035	5 X 0.34	6.5	30.0	70
1100036	6 X 0.34	7.1	45.0	84
1100037	7 X 0.34	7.1	48.0	87
1100038	8 X 0.34	8.2	52.0	106
1100310	10 X 0.34	8.6	74.0	116
1100312	12 X 0.34	8.8	80.0	128
1100314	14 X 0.34	9.2	86.0	143
1100315	15 X 0.34	9.6	90.0	152
1100316	16 X 0.34	9.6	94.0	157

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1100318	18 X 0.34	10.0	103.0	175
1100320	20 X 0.34	10.5	112.0	186
1100321	21 X 0.34	10.9	116.0	202
1100325	25 X 0.34	11.9	135.0	233
1100328	28 X 0.34	12.5	153.0	256
1100330	30 X 0.34	12.6	159.0	267
1100042	2 X 0.50	5.9	29.0	52
1100043	3 X 0.50	6.2	38.0	61
1100044	4 X 0.50	6.6	43.0	72
1100045	5 X 0.50	7.3	51.0	89
1100046	6 X 0.50	7.8	59.0	102
1100047	7 X 0.50	7.8	65.0	106
1100048	8 X 0.50	8.8	70.0	125
1100410	10 X 0.50	9.7	88.0	147
1100412	12 X 0.50	9.9	99.0	165
1100414	14 X 0.50	10.6	110.0	188
1100415	15 X 0.50	11.1	115.0	199
1100416	16 X 0.50	11.1	121.0	206
1100418	18 X 0.50	12.0	134.0	241
1100420	20 X 0.50	12.5	149.0	258
1100421	21 X 0.50	12.5	157.0	265
1100425	25 X 0.50	13.7	211.0	307
1100428	28 X 0.50	14.8	230.0	349
1100430	30 X 0.50	14.8	243.0	364
1100052	2 X 0.75	6.5	38.0	63
1100053	3 X 0.75	6.8	49.0	77
1100054	4 X 0.75	7.3	58.0	91
1100055	5 X 0.75	8.1	67.0	113
1100056	6 X 0.75	8.7	76.0	130
1100057	7 X 0.75	8.7	100.0	136
1100058	8 X 0.75	9.6	109.0	155
1100510	10 X 0.75	10.7	130.0	186
1100512	12 X 0.75	11.2	154.0	214
1100514	14 X 0.75	11.9	171.0	243
1100515	15 X 0.75	12.5	179.0	261
1100516	16 X 0.75	12.5	189.0	271
1100518	18 X 0.75	13.3	195.0	307
1100520	20 X 0.75	14.0	116.0	331
1100521	21 X 0.75	14.0	225.0	341
1100525	25 X 0.75	15.5	280.0	405
1100528	28 X 0.75	16.7	298.0	460
1100530	30 X 0.75	16.8	312.0	481
1100062	2 X 1.0	7.0	43.0	75
1100063	3 X 1.0	7.4	56.0	92
1100064	4 X 1.0	8.0	68.0	110
1100065	5 X 1.0	8.8	79.0	137
1100066	6 X 1.0	9.5	92.0	159
1100067	7 X 1.0	9.5	106.0	167
1100068	8 X 1.0	10.7	118.0	195
1100610	10 X 1.0	12.0	140.0	234
1100612	12 X 1.0	12.3	168.0	263
1100614	14 X 1.0	13.1	192.0	302
1100615	15 X 1.0	13.7	208.0	321
1100616	16 X 1.0	13.8	221.0	334
1100618	18 X 1.0	14.5	252.0	375
1100620	20 X 1.0	15.2	279.0	406
1100621	21 X 1.0	15.2	293.0	419
1100625	25 X 1.0	17.1	335.0	504
1100628	28 X 1.0	18.5	374.0	571
1100630	30 X 1.0	18.6	401.0	599
1100072	2 X 1.5	8.0	58.0	96
1100073	3 X 1.5	8.4	74.0	118
1100074	4 X 1.5	9.1	108.0	143
1100075	5 X 1.5	9.8	129.0	173
1100076	6 X 1.5	10.8	142.0	208
1100077	7 X 1.5	10.8	154.0	218
1100078	8 X 1.5	12.0	164.0	248
1100710	10 X 1.5	13.4	188.0	300
1100712	12 X 1.5	13.9	254.0	347
1100714	14 X 1.5	14.7	292.0	392
1100715	15 X 1.5	15.5	311.0	418
1100716	16 X 1.5	15.5	331.0	436
1100718	18 X 1.5	16.7	350.0	506
1100720	20 X 1.5	17.5	368.0	546
1100721	21 X 1.5	17.5	388.0	565
1100725	25 X 1.5	20.1	463.0	698
1100728	28 X 1.5	21.2	517.0	768
1100730	30 X 1.5	21.3	550.0	806

* Please specify the desired packaging size (e.g. 100 m coils)

* other sizes can be manufactured on demand

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