

SAPFLEX KABEL

DISTRONIC - LiYY

RoHS CE



## DISTRONIC - LiYY

### Technical data

<b>Core identification code</b> DIN 47100	<b>Conductor</b> Strand, fine wire 0.34 sqmm, 7 wire	<b>Specific insulation resistance</b> > 20 GOhm x cm	<b>Peak working voltage</b> 250 V (not for power applications)	<b>Test voltage</b> at 0.14 sqmm: 1200 V > 0.14 sqmm: 1500 V
<b>Mutual capacitance</b> Approx. 120 nF / km	<b>Based on</b> VDE 0812	<b>Inductivity</b> Approx. 0.65 mH / km	<b>Range of temperature</b> Flxed installation: -15 °C to +80 °C Flexing : -5 °C to + 70 °C	<b>Minimum bending radius</b> Flexing: 15 x cable diameter

### Benefits

- \* Considering economic minimum quantities the outer sheath can also be produced in special colours on request which match the special colour design of a device for example.
- \* Highly resistant against acids, lyes and certain Oils at room temperature.

### Approvals (Norm references)

- \* Using RoHS compliances compounds
- \* CE

### Product Make-UP

- \* Bare copper wire bunched conductor
- \* PVC core insulation and outer sheath
- \* Cores twisted
- \* Colour: grey

### Application range

- \* LiYY is also used as a control and signal\* cable in electronics of computer system, electronic control equipment, office machines, balances, etc.
- \* Dry and damp indoors

### Product features

- \* Despite the large number of cores, LiYY data Cables have small outer diameters.
- \* Core colour code in accordance with DIN 47100 excepting for extruded secondary colour line in place of ring printing but no colour repetition
- \* Flame-retardant acc. to IEC 60332-1-2

Part Number	Number of cores and mm² per conductor	Outer diameter in mm approx.	Copper index Kg./km	Weight kg./km approx
<b>DISTRONIC LiYY Uo / U: 300 / 500 V</b>				
1300012	2 X 0.14	3.4	2.7	13
1300013	3 X 0.14	3.6	4.0	16
1300014	4 X 0.14	3.8	5.4	19
1300015	5 X 0.14	4.1	6.7	23
1300017	7 X 0.14	4.7	9.4	31
1300018	8 X 0.14	5.2	10.2	35
1300110	10 X 0.14	5.8	13.5	42
1300112	12 X 0.14	6.1	16.2	51
1300114	14 X 0.14	6.4	18.9	57
1300116	16 X 0.14	6.7	21.6	63
1300120	20 X 0.14	7.4	27.1	76
1300121	21 X 0.14	7.6	28.4	82
1300125	25 X 0.14	8.4	33.6	96
1300130	30 X 0.14	8.8	40.5	111
1300022	2 X 0.25	4.1	4.8	20
1300023	3 X 0.25	4.3	7.2	24
1300024	4 X 0.25	4.6	9.6	29
1300025	5 X 0.25	5.2	12.0	38
1300027	7 X 0.25	5.6	16.8	46
1300028	8 X 0.25	6.3	19.2	55
1300210	10 X 0.25	7.0	24.0	66
1300212	12 X 0.25	7.2	28.8	75
1300214	14 X 0.25	7.5	33.6	84
1300216	16 X 0.25	7.9	38.4	93
1300218	18 X 0.25	8.3	43.2	104
1300220	20 X 0.25	9.1	48.0	121
1300225	25 X 0.25	9.9	60.0	144
1300230	30 X 0.25	10.5	72.0	166
1300032	2 X 0.34	4.5	6.6	25
1300033	3 X 0.34	4.8	9.9	31
1300034	4 X 0.34	5.2	13.1	38
1300035	5 X 0.34	5.8	16.5	49
1300037	7 X 0.34	6.4	22.8	63
1300038	8 X 0.34	7.5	26.1	79
1300310	10 X 0.34	7.9	32.6	86
1300312	12 X 0.34	8.1	39.1	97
1300314	14 X 0.34	8.5	45.7	110

Part Number	Number of cores and mm² per conductor	Outer diameter in mm approx.	Copper index Kg./km	Weight kg./km approx
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1300316	16 X 0.34	8.9	52.0	122
1300320	20 X 0.34	9.8	65.2	148
1300321	21 X 0.34	10.2	68.6	163
1300325	25 X 0.34	11.2	81.6	190
1300330	30 X 0.34	11.9	98.0	220
1300042	2 X 0.50	5.1	9.6	31
1300043	3 X 0.50	5.3	14.4	39
1300044	4 X 0.50	5.7	19.2	47
1300045	5 X 0.50	6.2	24.0	58
1300047	7 X 0.50	7.1	33.6	79
1300048	8 X 0.50	8.1	38.4	94
1300410	10 X 0.50	9.1	48.0	113
1300412	12 X 0.50	9.2	58.0	128
1300416	16 X 0.50	10.4	77.0	166
1300420	20 X 0.50	11.6	96.0	207
1300425	25 X 0.50	12.8	120.0	249
1300430	30 X 0.50	13.7	144.0	296
1300052	2 X 0.75	5.6	14.4	39
1300053	3 X 0.75	5.9	21.6	50
1300054	4 X 0.75	6.4	28.8	63
1300055	5 X 0.75	7.2	36.0	81
1300057	7 X 0.75	7.8	50.0	101
1300058	8 X 0.75	8.9	58.0	120
1300510	10 X 0.75	10.0	72.0	145
1300512	12 X 0.75	10.7	86.0	177
1300516	16 X 0.75	11.8	115.0	224
1300520	20 X 0.75	13.1	144.0	273
1300525	25 X 0.75	14.4	180	331
1300062	2 X 1.0	6.2	19.2	48
1300063	3 X 1.0	6.6	29.0	63
1300064	4 X 1.0	7.2	39.5	78
1300065	5 X 1.0	8.0	48.0	101
1300072	2 X 1.5	7.2	29.0	65
1300073	3 X 1.5	7.6	43.0	85
1300074	4 X 1.5	8.3	58.2	107
1300075	5 X 1.5	9.2	68.5	138

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

\* other sizes can be manufactured on demand

We Carry Signals

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