













SAPFLEX KABEL DISTRONIC - Li2YCY (TP)

RoHS CE



DISTRONIC - Li2YCY (TP)

Technical data

<p> Core identification code DIN 47100 excepting for extruded secondary colour line in place of ring printing.</p> <p> Mutual capacitance Li2YCY (TP) At 800 Hz: max. 60 nF / km (valid starting at 4 pair)</p> <p> Peak working voltage Li2YCY (TP) 250 V (not for power applications)</p> <p> Based on Li2YCY (TP) VDE 0812</p> <p> Specific insulation resistance > 5 GOhm x km</p> <p> Minimum bending radius fixed, insulation: 7.5 x cable diameter</p> <p> Range of temperature fixed installation: -15 ° C to + 70 ° C</p>	<p> Inductivity Li2YCY (TP) Approx. 0.65 mH / km</p> <p> Conductor Li2YCY (TP) Stranded copper conductor, Based on VDE 0881, 7 wire</p> <p> Test voltage Li2YCY (TP) C / C : 2000 V C / S : 1000 V</p> <p> Loop resistance Li2YCY (TP) 0.22 sqmm max. 186 Ohm / km 0.34 sqmm max. 115 Ohm / km 0.50 sqmm max. 78.4 Ohm / km</p>	<p> Characteristic impedance 100 Ohm + - 15</p> <p>Cable attenuation / attenuation Li2YCY (TP) (recommended values): 0.22 sqmm. 100 kHz 9.0 dB / km 1 MHz 25.0 dB / km (recommended values): 0.34 sqmm. 100 kHz 6.6 dB / km 1 MHz 20.0 dB / km (recommended values): 0.50 sqmm. 100 kHz 6.0 dB / km 1 MHz 18.0 dB / km</p> <p>Short-range crosstalk attenuation UP to 1 MHz min. 50 dB UP to 10 MHz min. 40 dB</p>
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Application range

- * Li2YCY (TP) is particularly suitable for wiring from data systems at transmission rates up to 10 Megabit per second.
- * Cables of this kind are designed for fixed installation in dry and damp interiors and for conditional flexible use.

Approvals (Norm references)

- * Using **RoHS** compliances compounds
- * **CE**
- * **Product features**
- * Flame-retardant acc. to IEC 60332-1-2

Product Make-UP

- * **Li2YCY (TP)**
- * Stranded conductor, 7-wire, bare
- * PE core insulation
- * Screen braiding made from copper wire
- * PVC outer sheath
- * Colour: Grey

Part Number	Number of cores and mm ² per conductor	Outer diameter in mm approx.	Copper index Kg./km	Weight kg./km approx
DISTRONIC - Li2YCY - (TP); U₀ / U: 300 / 500 V				
100021	1 X 2 X 0.22	5.3	18.2	38
100022	2 X 2 X 0.22	6.6	26.4	54
100023	3 X 2 X 0.22	7.3	34.2	67
100024	4 X 2 X 0.22	8.1	43.0	82
100028	8 X 2 X 0.22	10.6	70.2	133
100210	10 X 2 X 0.22	11.5	81.1	152
100321	1 X 2 X 0.34	5.8	20.6	45
100322	2 X 2 X 0.34	7.3	34.2	68
100323	3X 2 X 0.34	8.1	44.5	85
100324	4 X 2 X 0.34	9.1	54.0	106
100328	8 X 2 X 0.34	11.7	90.4	166
103210	10 X 2 X 0.34	13.2	107.9	207
100421	1 X 2 X 0.50	6.8	27.2	59
100422	2 X 2 X 0.50	8.7	44.4	89
100423	3 X 2 X 0.50	10.0	60.7	120
100424	4 X 2 X 0.50	11.1	74.8	145
100425	5 X 2 X 0.50	12.0	90.1	170
100428	8 X 2 X 0.50	14.8	129.3	250
104210	10 X 2 X 0.50	16.2	153.0	292

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

* other sizes can be manufactured on demand

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