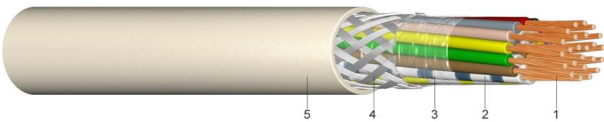


Screened control cable for the electronic industry

Screened control cable for the electronic industry



Construction

Construction

- 1. Stranded plain or tinned copper conductors, class 5 acc. to EN 60228
- 2. PVC insulation
- 3. Plastic foil
- 4. Tinned copper braid
- 5. PVC sheath

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Application

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Cable is used for ordinary duty for instruments and devices, even in damp areas (e.g. vacuum cleaners, washing machines, spin dryers, and refrigerators). Outdoor use is permitted for short periods of time. Cable is resistant to flame spread.

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Properties

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Norm (standard)	DIN VDE 0812	Colour of sheath	RAL7001/RAL7032
Norm (standard)	DIN VDE 0812	Colour of sheath	RAL7001/RAL7032
Rated voltage Uo/U	300/500 V	Insulation resistance of cable	≥ 20 MOhm/km
Rated voltage Uo/U	300/500 V	Insulation resistance of cable	≥ 20 MOhm/km
Test voltage	≥ 1,5 kV	Flame spread resistance	EN 60332-1-2
Test voltage	≥ 1,5 kV	Flame spread resistance	EN 60332-1-2
Temperature range for movable lead-ins	-5 °C up to +50 °C	RoHS	Yes
Temperature range for movable lead-ins	-5 °C up to +50 °C	RoHS	Yes
Temperature range for fixed cables	-40 °C up to +80 °C	REACH	Yes
Temperature range for fixed cables	-40 °C up to +80 °C	REACH	Yes
Colour of insulation	DIN 47100	Fire reaction class according to CPR	Eca
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Note

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*) At temperatures below +5 °C the reduction of mechanical stress of the cable is recommended.

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S.C. Cableteam S.R.L.

Strada Baraților 14, RO-547025 Albești

T: 0040-265 770074 | office@cableteam.ro | www.cableteam.ro



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Technical data

Technical data

Type, number and nominal cross-section of cores <i>Type, number and nominal cross-section of cores</i>	Resist. of conductor at 20 °C - plain <i>Resist. of conductor at 20 °C - plain</i> Ohm/km	Nominal thickness insulation <i>Nominal thickness insulation</i> mm	Maximal diameter of core <i>Maximal diameter of core</i> mm	Nominal thickness sheath <i>Nominal thickness sheath</i> mm	Maximum outer dimension <i>Maximum outer dimension</i> mm	Weight approx. <i>Weight approx.</i> kg/km
LiYCY 2x0,34	56,0	0,3	1,55	0,5	4,70	28,4
LiYCY 2x0,50	39,0	0,4	1,80	0,5	5,00	38,7
LiYCY 2x1,00	19,5	0,4	2,15	0,7	6,30	54,6
LiYCY 2x1,50	13,3	0,4	2,45	0,8	7,10	71,4
LiYCY 3x0,34	56,0	0,3	1,55	0,5	5,20	35,4
LiYCY 3x0,50	39,0	0,4	1,80	0,7	5,90	-
LiYCY 3x0,75	26,0	0,4	2,00	0,7	6,30	58,26
LiYCY 3x1,00	19,5	0,4	2,15	0,7	6,60	66,24
LiYCY 3x1,50	13,3	0,4	2,45	0,8	7,50	88,82
LiYCY 4x0,34	56,0	0,3	1,55	0,5	5,40	43,83
LiYCY 4x0,50	39,0	0,4	1,80	0,5	5,80	-
LiYCY 4x0,75	26,0	0,4	2,00	0,8	7,00	73,57
LiYCY 4x1,00	19,5	0,4	2,15	0,8	7,40	85,91
LiYCY 4x1,50	13,3	0,4	2,45	0,8	8,10	105,05
LiYCY 4x2,50	7,98	0,5	3,05	0,8	9,45	-
LiYCY 4x4,00	4,95	0,5	3,55	1,0	11,60	-
LiYCY 4x6,00	3,30	0,6	4,35	1,0	13,80	-
LiYCY 5x0,75	26,0	0,4	2,00	0,8	7,60	85,95
LiYCY 5x1,00	19,5	0,4	2,15	0,8	8,00	100,7
LiYCY 5x1,50	13,3	0,4	2,45	0,8	8,70	129,33
LiYCY 6x0,34	56,0	0,3	1,55	0,5	6,25	60,5
LiYCY 6x0,50	39,0	0,4	1,80	0,8	7,60	-
LiYCY 7x0,75	26,0	0,4	2,00	0,5	7,65	103,65
LiYCY 7x1,00	19,5	0,4	2,15	0,8	8,60	128,71
LiYCY 7x1,50	13,3	0,4	2,45	0,8	9,50	162,48
LiYCY 8x0,34	56,0	0,3	1,55	0,8	7,70	-
LiYCY 8x1,00	19,5	0,4	2,15	0,9	9,30	151,6
LiYCY 10x0,34	56,0	0,3	1,55	0,8	7,80	91,38
LiYCY 10x0,50	39,0	0,4	1,80	0,8	9,30	-
LiYCY 12x0,50	39,0	0,4	1,80	0,5	8,70	-
LiYCY 12x0,75	26,0	0,4	2,00	0,7	10,60	183,5
LiYCY 12x1,50	13,3	0,4	2,45	1,0	12,90	291,91
LiYCY 14x1,00	19,5	0,4	2,15	1,0	12,20	249,28
LiYCY 16x1,00	19,5	0,4	2,15	1,0	12,80	-
LiYCY 16x1,50	13,3	0,4	2,45	1,2	13,85	-

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