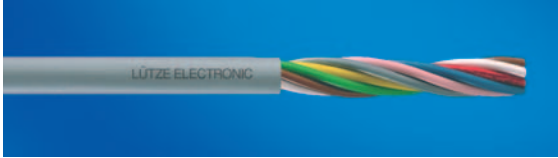


PVC electronic cables · unshielded

LÜTZE ELECTRONIC LiYY



Application

- In all areas of electronics, measuring, control and regulation technologies
- In low voltage switchgears, communications engineering
- In dry and moist rooms
- For flexible application for free movement and without tensile loading

Properties

- PVC flame-retardant, self-extinguishing
- Widely resistant to oils, greases, acids and bases
- Free from paint wetting disruptive substances (LABS-free), RoHS-compliant

Technical data

Voltage	
up to 0.34 mm ²	300 V
after 0.5 mm ²	500 V
Test voltage	
up to 0.34 mm ²	1200 V
after 0.5 mm ²	2000 V
Isolation resistance	min. 20 MΩ × km
Operating capacitance	approx. 120 – 150 pF/m
Temperature range	
moving	-5 °C to +70 °C
fixed	-30 °C to +70 °C
Minimum bending radius	
fixed	Cable diameter × 4
Burning behaviour	Flame-retardant according to VDE 0482 T. 265-2-1; IEC 60332-1

Design

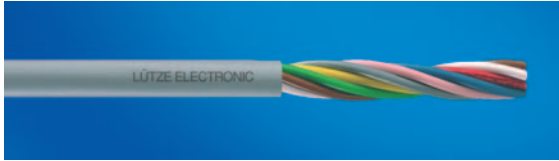
- Bare copper wire, multi-strand according to DIN VDE 0295 class 5, IEC 60228 class 5
- Special PVC conductor insulation
- Conductors colour-coded according to DIN 47100
- Conductors stranded layers
- Jacket special PVC TM2 according to HD21.1, matt, adhesion-free surface
- Jacket colour grey RAL 7001

Part-No.	Number of strands/cross-section	Outer-Ø approx. mm	Weight kg/100 m	Cu-Index kg/100 m
0.14 mm²				
110000	3×0,14	3.4	2.1	0.4
110001	4×0,14	3.6	2.1	0.5
110002	5×0,14	4.0	2.2	0.7
110003	6×0,14	4.4	3.1	0.8
110004	7×0,14	4.4	3.3	0.9
110005	10×0,14	5.5	4.7	1.3
110006	12×0,14	5.6	5.3	1.6
110007	14×0,14	6.0	6.1	1.9
110008	16×0,14	6.2	6.9	2.2
110009	18×0,14	6.6	7.2	2.4
110010	20×0,14	7.1	8.5	2.7
110011	24×0,14	8.0	10.5	3.2
110012	30×0,14	8.6	12.0	4.0
110013	40×0,14	9.9	17.0	5.4
0.25 mm²				
110070	3×0,25	4.0	3.1	0.7
110071	4×0,25	4.5	3.5	1.0
110072	5×0,25	5.0	4.0	1.2
110073	6×0,25	5.4	5.0	1.4
110074	8×0,25	6.0	5.6	1.9
110075	10×0,25	6.9	6.5	2.4
110076	12×0,25	7.2	7.2	2.9
110077	14×0,25	7.5	8.2	3.4
110078	16×0,25	7.8	9.2	3.8
110079	18×0,25	8.5	11.0	4.3
110080	20×0,25	8.8	11.5	4.8
110081	24×0,25	9.4	13.0	5.8
110082	30×0,25	10.1	17.0	7.2
108140	32×0,25	10.9	19.0	7.7
108177	36×0,25	11.5	21.5	8.6
110083	40×0,25	11.8	24.0	9.6
110084	50×0,25	12.8	27.0	12.0
0.34 mm²				
110122	3×0,34	4.4	2.7	1.0
110123	4×0,34	4.6	3.2	1.3
110249	5×0,34	5.3	4.2	1.7
110125	6×0,34	5.5	4.6	2.0
110127	8×0,34	6.6	6.2	2.6
110129	10×0,34	7.6	8.0	3.3
110131	12×0,34	7.7	8.8	3.9
110719	16×0,34	8.9	12.6	5.2
110135	18×0,34	9.0	12.8	5.9
110945	20×0,34	9.6	15.9	6.5
110140	30×0,34	11.5	21.0	9.8
118480	32×0,34	12.0	22.4	10.4
110605	40×0,34	13.6	31.8	13.1
110145	50×0,34	14.4	41.0	16.3

CE These products are in conformity to the EC Low Voltage Directive 73/23/EWG or 93/68/EWG respectively

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- Conductors colour-coded according to DIN 47100
- Conductors stranded layers
- Jacket special PVC TM2 according to HD21.1, matt, adhesion-free surface
- Jacket colour grey RAL 7001

Part-No.	Number of strands/cross-section	Outer-Ø approx. mm	Weight kg/100 m	Cu-Index kg/100 m
0.5 mm²				
108125	2×0,5	5.0	3.5	1.0
100327	3×0,5	5.3	4.2	1.4
100338	4×0,5	5.9	5.2	1.9
101052	5×0,5	6.5	7.7	2.4
100918	6×0,5	7.1	9.0	2.9
108126	7×0,5	7.4	10.0	3.4
100920	8×0,5	7.7	12.0	3.8
100922	10×0,5	8.6	12.5	4.8
100964	12×0,5	8.9	13.3	5.8
108127	14×0,5	9.6	13.0	6.7
100948	16×0,5	10.0	15.2	7.7
108128	20×0,5	11.5	19.0	9.6
100951	24×0,5	12.2	23.7	11.5
108129	32×0,5	14.0	31.0	15.4
0.75 mm²				
108130	2×0,75	5.6	4.7	1.4
108131	4×0,75	6.3	5.0	2.8
108132	5×0,75	7.1	6.0	3.6
108133	7×0,75	7.7	8.0	5.0
108134	10×0,75	9.6	11.0	7.2
108317	12×0,75	10.1	14.5	8.6
108135	14×0,75	10.9	16.0	10.1
108136	16×0,75	11.5	19.0	11.5
108137	20×0,75	12.5	24.0	14.4
108138	24×0,75	13.6	25.0	17.3
108139	32×0,75	15.9	33.0	23.0

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