

Control Cable

Shielded electronic control cables laid up in layers or pairs

Applications

These cables are used for control signal transmission in mechanical engineering for tooling machinery, for production lines and transport equipment, as well as in industrial installations. They meet the requirements of the EEC directive concerning electromagnetic compatibility (EMC), and ensure interference-free transmission providing protection against external pulses

Technical Data

Nominal Voltage:	0,14 mm ² to 0,34 mm ² : 350 V 0,34 mm ² to 0,50 mm ² : 300/500 V														
Test Voltage:	0,14 mm ² to 0,34 mm ² : 2000 V 0,34 mm ² to 0,50 mm ² : 3500 V														
Temperature Range:	-10 °C + 80 °C														
Min. Bending Radius:	12xOverall Diameter														
Insulation Resistance:	>200 MOhmKcm														
Conductor Resistance:	<table> <tr> <td>< 142 Ohm/km (0,14 mm²)</td><td>< 13,3 Ohm/km (1,50 mm²)</td></tr> <tr> <td>< 80 Ohm/km (0,25 mm²)</td><td>< 10,5 Ohm/km (2,00 mm²)</td></tr> <tr> <td>< 59 Ohm/km (0,34 mm²)</td><td>< 8,0 Ohm/km (2,50 mm²)</td></tr> <tr> <td>< 39,0 Ohm/km (0,50 mm²)</td><td>< 5,0 Ohm/km (4,00 mm²)</td></tr> <tr> <td>< 26,0 Ohm/km (0,75 mm²)</td><td>< 3,3 Ohm/km (6,00 mm²)</td></tr> <tr> <td>< 19,5 Ohm/km (1,00 mm²)</td><td>< 2,0 Ohm/km (10,00 mm²)</td></tr> <tr> <td></td><td>< 1,65 Ohm/km (16,00 mm²)</td></tr> </table>	< 142 Ohm/km (0,14 mm ²)	< 13,3 Ohm/km (1,50 mm ²)	< 80 Ohm/km (0,25 mm ²)	< 10,5 Ohm/km (2,00 mm ²)	< 59 Ohm/km (0,34 mm ²)	< 8,0 Ohm/km (2,50 mm ²)	< 39,0 Ohm/km (0,50 mm ²)	< 5,0 Ohm/km (4,00 mm ²)	< 26,0 Ohm/km (0,75 mm ²)	< 3,3 Ohm/km (6,00 mm ²)	< 19,5 Ohm/km (1,00 mm ²)	< 2,0 Ohm/km (10,00 mm ²)		< 1,65 Ohm/km (16,00 mm ²)
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Capacitance:	130 pF/m														
Printing:	LiYY/OX/JZ-RAMCRO CE <YEAR> CEI 20-22 II														

Construction

- **Conductors:**
Bare Copper, flexible acc. to VDE 0295 class 5 (0,14 mm² class 6 and 0,34 class 2)
- **Insulation:**
PVC flame ret. acc. to CEI 20-22 II° and IEC 60332-3C
- **Outer Sheath:**
PVC Flame retardant acc. to CEI 20-22 II° and IEC 332-3C
- **Colour:**
Grey RAL 7035

LiYY

Ramcro Code	Section	Outer Diameter (mm)
SSS0214HAAAC	0,14 mm ² (From 2 to 61 conductor)	3,2 +/- 0,3
SSS6114HAAAC		11,2 +/- 0,3
SSS0226HBAAC	0,25 mm ² (From 2 to 61 conductor)	3,7 +/- 0,3
SSS6126HBAAC		13,7 +/- 0,3
SSS0234HBAAC	0,34 mm ² (From 2 to 61 conductor)	4,3 +/- 0,3
SSS0234HBAAC		14,3 +/- 0,3
SSS0250HBAAC	0,50 mm ² (From 2 to 50 conductor)	4,7 +/- 0,3
SSS5050HBAAC		16,0 +/- 0,3
SSS0275HBAAC	0,75 mm ² (From 2 to 50 conductor)	5,3 +/- 0,3
SSS5075HBAAC		17,6 +/- 0,3
SSS0210HBAAC	1,00 mm ² (From 2 to 50 conductor)	5,4 +/- 0,3
SSS5010HBAAC		19,0 +/- 0,3
SSS0215HBAAC	1,50 mm ² (From 2 to 50 conductor)	6,4 +/- 0,3
SSS5015HBAAC		22,2 +/- 0,3
SSS0225HBAAC	2,50 mm ² (From 2 to 50 conductor)	7,6 +/- 0,3
SSS5025HBAAC		27,2 +/- 0,3
SSS0225HBAAC	4,00 mm ² (From 2 to 7 conductor)	9,6 +/- 0,3
SSS0725HBAAC		14,2 +/- 0,3
SSS0260HBAAC	6,00 mm ² (From 2 to 7 conductor)	11,2 +/- 0,3
SSS0760HBAAC		16,0 +/- 0,3

LiYY-JZ

Ramcro Code	Section	Outer Diameter (mm)
SSS0250HAAAC	0,50 mm ² (From 2 to 50 conductor)	4,7 +/- 0,3
SSS5050HAAAC		15,5 +/- 0,4
SSS0250HBAAC	0,75 mm ² (From 2 to 50 conductor)	5,3 +/- 0,3
SSS5050HBAAC		15,8 +/- 0,4
SSS0250HBAAC	1,00 mm ² (From 2 to 50 conductor)	5,7 +/- 0,3
SSS5050HBAAC		17,6 +/- 0,4
SSS0250HBAAC	1,50 mm ² (From 2 to 50 conductor)	6,5 +/- 0,3
SSS5050HBAAC		20,0 +/- 0,4
SSS0250HBAAC	2,50 mm ² (From 2 to 7 conductor)	7,9 +/- 0,4
SSS0750HBAAC		23,2 +/- 0,4

Standard References

- VDE 0812

Multipair LiYY-TP

Ramcro Code	Section	Outer Diameter (mm)
SSS0250HBAAD	0,50 mm ² (From 2 to 50 conductor)	4,7 +/- 0,3
SSS5050HBAAE		15,6 +/- 0,4
SSS0275HBAAD	0,75 mm ² (From 2 to 50 conductor)	5,3 +/- 0,3
SSS5075HBAAE		17,2 +/- 0,4
SSS0210HBAAD	1,00 mm ² (From 2 to 50 conductor)	5,7 +/- 0,3
SSS5010HBAAE		19,0 +/- 0,4
SSS0215HBAAD	1,50 mm ² (From 2 to 50 conductor)	6,5 +/- 0,3
SSS5015HBAAE		22,2 +/- 0,4
SSS0225HBAAD	2,50 mm ² (From 2 to 50 conductor)	7,9 +/- 0,3
SSS6125HBAAE		27,2 +/- 0,4
SSS0240HBAAD	4,00 mm ² (From 2 to 7 conductor)	10,8 +/- 0,3
SSS0740HBAAE		14,2 +/- 0,4
MSE0260HBAAD	6,00 mm ² (From 2 to 7 conductor)	13,4 +/- 0,3
MSE0760HBAAE		16,0 +/- 0,4
SSS0211HBAAD	10,00 mm ² (From 2 to 7 conductor)	15,8 +/- 0,3
MSE0711HBAAE		21,0 +/- 0,4