



Електролуks  
**Electrolux**

# Servo cables



Made in Electrolux

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## 2YSLC11Y-J Servo cable, double screened, polyurethane outer sheath



### APPLICATIONS

They are used as power cables for engine feeding, suitable for indoor industrial installations: ideal for high noise environment and areas with frequency transformers and electromagnetic interferences.

### CABLE STRUCTURE

**Core:** bare copper conductors according to IEC 60228 cl. 5  
**Copper Insulation:** polyethylene medium density  
**Core Code:** black, blue, brown, yellow/green  
**Core Wrapping:** polyester transparent foil  
**1<sup>st</sup>Screen:** aluminium foil  
**2<sup>nd</sup>Screen:** tinned copper, coverage 85%  
**Screen Wrapping:** polyester tape  
**Outer Sheath:** polyurethane, colour orange to RAL 2003,  
 Flame Retardant according to IEC 60332-1, EN 50265-2-1.

### TECHNICAL DATA

**Nominal Voltage:**  $U_0/U$  0.6/ 1kV  
**Temperature Range:**  
 Flexing from -30°C up to +80°C  
 Fixed installation from -40°C up to +80°C  
**Insulation Resistance:** > 1 GOhm x km  
**Minimum Bending Radius:**  
 Flexing 15 x Ø cable  
 Fixed installation 8 x Ø cable  
 Oil Resistance HD 505.2.1, VDE 0472  
 Hydrolisis Resistance HD 22.10  
 Ozone Resistance HD 22.2

CE= The above cables are conformed with the Low Voltage Directive 73/23 EEC, 93/68 EEC.

CORE CROSS SEC mm <sup>2</sup>	APPROXIMATELY			
	OUTER DIAMETER Ø mm	COPPER WEIGHT Kg/ Km	CABLE WEIGHT Kg/ Km	OUTER SHEATH RESISTANCE Ohm/ Km
4x1.5	10.3	95	196	13.3
4x2.5	12.2	150	275	7.98
4x4	14	238	350	4.95
4x6	15.7	334	480	3.3
4x10	19.9	533	807	1.91
4x16	23	789	1064	1.21
4x25	27	1236	1667	0.78
4x35	30	1662	2282	0.554
4x50	36.1	2345	2903	0.386

For cross - sections that are not mentioned, please contact our sales department

## 2YSLCY-J Servo cable, double screened, transparent PVC outer sheath



APPLICATIONS	
They are used as power cables for engine feeding, suitable for indoor industrial installations: ideal for high noise environment and areas with frequency transformers and electromagnetic interferences.	
CABLE STRUCTURE	TECHNICAL DATA
<p><b>Core:</b> bare copper conductors according to IEC 60228 cl. 5</p> <p><b>Core Insulation:</b> polyethylene of medium density</p> <p><b>Core Code:</b> black, blue, brown, yellow/green</p> <p><b>Overall core wrapping:</b> polyester transparent foil</p> <p><b>1<sup>st</sup> Screen:</b> aluminium foil</p> <p><b>2<sup>nd</sup> Screen:</b> tinned copper, braid coverage 85%.</p> <p><b>Outer Sheath:</b> transparent PVC type TM2, Flame Retardant acc. to IEC 60332-1, EN 50265-2-1 or black to RAL 9005, oil resistant according to IEC 60811-2-1 and flame retardant.</p>	<p><b>Nominal Voltage:</b> <math>U_0/U</math> 0,6/ 1kV</p> <p><b>Temperature Range:</b></p> <p>Flexing from -5°C up to +80°C</p> <p>Fixed installation from -40°C up to +80°C</p> <p><b>Insulation Resistance:</b> &gt; 1 GOhm x km</p> <p><b>Minimum Bending Radius:</b></p> <p>Flexing 15 x Ø cable</p> <p>Fixed installation 8 x Ø cable</p>

CE= The above cables are conformed with the Low Voltage Directive 73/23 EEC, 93/68 EEC.

CORE CROSS-SEC mm <sup>2</sup>	APPROXIMATELY			
	OUTER DIAMETER Ø mm	COPPER WEIGHT Kg/ Km	CABLE WEIGHT Kg/ Km	OUTER SHEATH RESISTANCE Ohm/ Km
4x1.5	10.6	95	214	13.3
4x2.5	12.3	150	291	7.98
4x4	14.5	238	390	4.95
4x6	16.4	334	529	3.3
4x10	20.1	533	852	1.91
4x16	23.4	789	1164	1.21
4x25	27	1236	1707	0.78
4x35	30.7	1662	2591	0.554
4x50	36.1	2345	3186	0.386

For cross - sections that are not mentioned, please contact our sales department



## Lif2YC11Y high-flex Servo cable, double screened and polyurethane outer sheath for drag chains



### APPLICATIONS

They are used as power cables for engine feeding, suitable for indoor industrial installations· ideal for high noise enviroment and areas with frequency transformers and electromagnetic interferences. Also ideal for use with drag chain.

### CABLE STRUCTURE

**Core:** stranded copper conductors according to IEC 60228 cl. 6  
**Core:** polyolefine  
**Core Code:**  
 Power cores black white numbered 1- 3 and yellow/green  
 Control cores black white numbered 5 – 8  
**1<sup>st</sup> Screen control core per pair:** polyester aluminium foil  
**Drain Wire:** of tinned copper per each pair of control core  
**2<sup>nd</sup> Screen control core per pair:** tinned copper, braid coverage 85%  
**Control Core Wrapping :** of polyester foil  
**1<sup>st</sup> Overall Wrapping:** of polyester tape  
**Overall Screen:** tinned copper, braid coverage 85%  
**2<sup>nd</sup> Overall Wrapping:** polyester tape  
**Outer Sheath:** polyurethane, colour orange to RAL 2003, flame retardant according to IEC 60332-1

### TECHNICAL DATA

**Nominal Voltage:**  
 Power Cores  $U_0/U$  0,6/ 1kV  
 Control Cores  $U_B$  300 V  
**Temperature Range:**  
 Flexing from -20°C up to +80°C  
 Fixed installation from -50°C up to +80°C  
**Insulation Resistance:** > 1 GOhm x km  
**Minimum Bending Radius:** 12 x Ø cable  
 Oil Resistance HD 505.2.1, VDE 0472  
 Hydrolisis Resistance HD 22.10  
 Ozone Resistance HD 22.2

CE= The above cables are conformed with the Low Voltage Directive 73/23 EEC, 93/68 EEC.

CORE CROSS - SEC mm <sup>2</sup>	APPROXIMATELY			
	OUTER DIAMETER Ø mm	COPPER WEIGHT Kg/ Km	CABLE WEIGHT Kg/ Km	OUTER SHEATH RESISTANCE Ohm/ Km
4x1.5 + 2x (2x1)	13.1	175.6	268	13.3
4x2.5 + 2x (2x1)	14.3	219.6	329	7.98
4x4 + 2x (2x1)	16.2	283.2	435	4.95
4x6 + 2x (2x1)	17.7	388.6	562	3.30



## Lif2YC11Y high-flex Servo cable, double screened, polyurethane outer sheath for drag chains

CORE CROSS-SEC mm <sup>2</sup>	APPROXIMATELY			
	OUTER DIAMETER Ø mm	COPPER WEIGHT Kg/ Km	CABLE WEIGHT Kg/ Km	OUTER SHEATH RESISTANCE Ohm/ Km
4x1.5 + 2x (2x1.5)	13.8	201.7	302	13.3
4x2.5 + 2x (2x1.5)	15	245.6	363	7.98
4x4 + 2x (2x1.5)	16.5	309.2	457	4.95
4x6 + 2x (2x1.5)	18.2	415.4	592	3.3
4x10 + 2x (2x1.5)	19.2	586.7	838	1.91

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