

## ÖLFLEX® SERVO 2XSLEY-JB

EMC-optimised motor cable, low-capacitance, double-screened, UL/cUL AWM certified

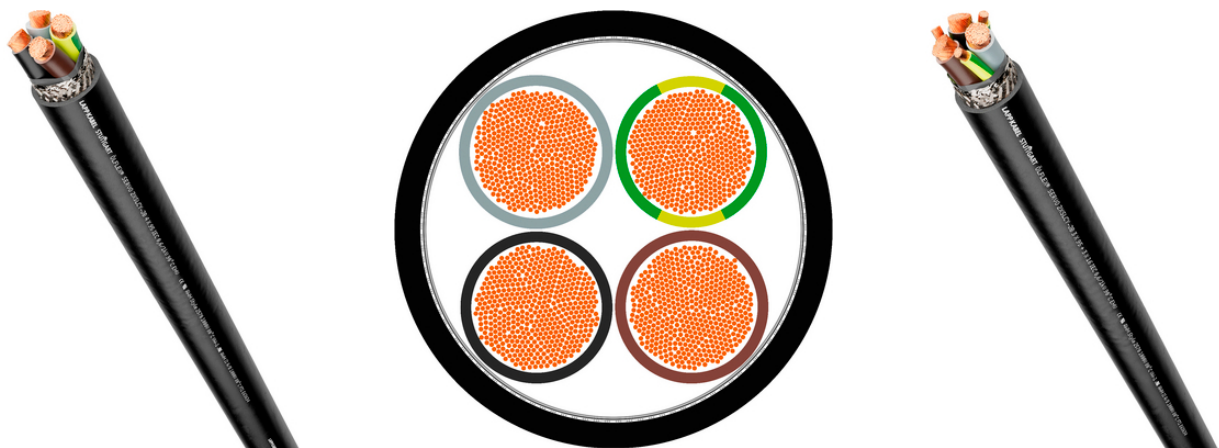
ÖLFLEX® SERVO 2XSLEY-JB - double screened power cable for large servo drive systems with high electrical load, UL/cUL certified

### Info

Optimised cable design

3+3 symmetry reduces common-mode interference effects and bearing currents

AWM certification for USA and Canada



Cold-resistant



Interference signals



UV-resistant

### Benefits

EMC-compliant operation of power drive systems

High power transmission for large drives

Low capacitance design enables longer cable connection between frequency converter and motor

Symmetrical 3+3 Version supports the reduction of damaging bearing currents

Outdoor use thanks to UV resistant black outer sheath

### Application range

Connecting cable between frequency converter and motor

For use in dry, damp and wet rooms

Paper industry

Chemical industry

Heavy industry

### Product features

Last Update (25.01.2026)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

## ÖLFLEX® SERVO 2XSLCY-JB

Low-capacitance design  
Flame-retardant acc. to IEC 60332-1-2,  
UL VW-1 & CSA FT 1  
UV and weather-resistant according to ISO 4892-2  
Flexible at temperatures down to -15 °C

### Norm references / Approvals

USA: UL AWM Style 2570  
Canada: cUL AWM Style I/II A/B FT1  
UL File No. E63634  
Based on VDE 0276, 0250, 0207

### Product Make-up

Fine-wire, bare copper conductor  
Core insulation: XLPE  
Cores twisted concentrically (symmetrically splitted protective conductor of 3+3 version is gusset-filling divided between the power cores)  
Screening: wrapping of laminated aluminium foil in combination with tinned copper braiding  
PVC outer sheath, black (similar RAL 9005)

### Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000057 ETIM 5.0 Class-Description: Low voltage power cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000057 ETIM 6.0 Class-Description: Low voltage power cable
Core identification code:	Colours according to HD 308 S2 VDE 0293-308
Conductor stranding:	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius:	Occasional flexing: 15 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage:	IEC U0/U: 600/1000 V UL & CSA: 1000 V
Test voltage:	4000 V
Protective conductor:	Protective conductor of 3+3 version is gusset-filling divided between power cores
Temperature range:	Flexing: -15 °C to +90 °C (UL/CSA +80 °C) Fixed installation: -40 °C to +90 °C (UL/CSA +80 °C)

### Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.  
Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.  
Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)  
Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum  
Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).  
Photographs and graphics are not to scale and do not represent detailed images of the respective products.  
Prices are net prices without VAT and surcharges. Sale to business customers only.

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Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
1133600	4 G 1,5	10.9	95	160
1133601	4 G 2,5	12.1	150	221
1133602	4 G 4	14.1	235	315
1133603	4 G 6	15.6	320	418
1133604	4 G 10	18.0	533	618
1133605	4 G 16	20.9	789	1290
1133606	4 G 25	26.0	1236	1860
1133607	4 G 35	29.6	1662	2610
1133608	4 G 50	32.8	2345	2950
1133609	4 G 70	38.0	3196	3950
1133610	4 G 95	42.5	4316	5300
1133611	4 G 120	47.0	5435	6600
1133612	4 G 150	52.9	6394	7590
1133613	4 G 185	57.6	7639	9420
1133614	4 G 240	65.6	10013	12150
1133615	3 X 1,5 + 3 G 0,25	10.9	88	177
1133616	3 X 2,5 + 3 G 0,5	12.0	144	230
1133617	3 X 4 + 3 G 0,75	13.5	224	323
1133618	3 X 6 + 3 G 1	14.7	276	420
1133619	3 X 10 + 3 G 1,5	16.7	491	635
1133620	3 X 16 + 3 G 2,5	20.2	723	930
1133621	3 X 25 + 3 G 4	23.4	1136	1350
1133622	3 X 35 + 3 G 6	26.7	1535	1780
1133623	3 X 50 + 3 G 10	30.9	2156	2530
1133624	3 X 70 + 3 G 10	34.4	2871	3225
1133625	3 X 95 + 3 G 16	38.3	3953	4511
1133626	3 X 120 + 3 G 16	42.3	4836	5663
1133627	3 X 150 + 3 G 25	47.5	5412	6720
1133628	3 X 185 + 3 G 35	51.9	7041	7855
1133629	3 X 240 + 3 G 50	59.0	8986	12850

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