

# ÖLFLEX® SERVO 9YSLCY-JB

Flexible Low Capacitance, Double-Shielded, Large Gauge Motor Cable for Servo & VFD Applications



### Construction: 3 Power + 1 Insulated Ground

**Conductors:** Finely stranded bare copper

**Insulation:** Polypropylene

**Shielding:** Overall foil and tinned copper braid

**Jacket:** PVC; transparent

### Construction: 3 Power + 3 Insulated Grounds

**Conductors:** Finely stranded bare copper

**Insulation:** Polypropylene

**Shielding:** Overall foil and tinned copper braid

**Jacket:** PVC; black

ÖLFLEX® SERVO 9YSLCY-JB is a highly flexible power cable for large horsepower motors and VFD drives. It has a double shield with polypropylene-insulated conductors for optimal low-loss power transmission when compared to PVC.

### Recommended Applications

Motor connections for large motors and drives; textile; paper; chemical; machine tool; heavy industry; conveying technology

### Approvals

### Application Advantage

- Flexible for easier routing
- UL & CSA AWM approved
- Black-jacketed version: 3 symmetrical grounds for improved EMC performance



#### Cable Attributes, see page 659

OR-01	FR-02	FL-01	MP-02
OIL	FLAME	MOTION	MECHANICAL

#### Similar Cables

- V 2000
- ÖLFLEX® SERVO 2YSLCY-JB

#### Complete the Installation

	SKINTOP® MS-SC: page 528		SKINTOP® MS-M BRUSH: page 530
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### Technical Data

<b>Minimum Bend Radius:</b>	4 x cable diameter	<b>Color Code:</b>	VDE 0293-308: Chart 6, page 696 Black, brown, gray, plus green/yellow ground(s) (1 or 3)
<b>Temperature Range:</b>	- for stationary use (UL/CSA): -40°C to +80°C - for flexible use (UL/CSA): -5°C to +80°C	<b>Approvals:</b>	UL: AWM 2570 or 20886 Attributes: VW-1 NFPA 79 2015 Canada: cRU AWM I/II A/B 1000VFT1 Additional: Based on VDE 0276, 0250, 0207 CE & RoHS
<b>Nominal Voltage:</b>	1000V		
<b>Test Voltage:</b>	4000V		
<b>Conductor Stranding:</b>	Class 5 fine wire		

Part Number	Jacket Color	Size / Number of Conductors		Nominal Outer Diameter		Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	SKINTOP® MS-M BRUSH Metric Thread
		Power	Ground	(inches)	(mm)			
<b>3 Power Conductors + 1 Ground</b>								
0037008	Transparent	1 AWG/3c	1 AWG/1c	1.344	34.1	1482	1982	53112679
0037009	Transparent	2/0 AWG/3c	2/0 AWG/1c	1.611	40.9	2017	2654	53112680
0037010	Transparent	3/0 AWG/3c	3/0 AWG/1c	1.789	45.4	2691	3562	53112681
0037011	Transparent	4/0 AWG/3c	4/0 AWG/1c	1.962	49.8	3433	4435	53112681
0037012	Transparent	250 KCMIL/3c	250 KCMIL/1c	2.210	56.1	4183	4733	53112501
0037013	Transparent	350 KCMIL/3c	350 KCMIL/1c	2.419	61.4	5086	5634	53112501
0037014	Transparent	450 KCMIL/3c	450 KCMIL/1c	2.675	68.0	6680	8165	53112503
<b>3 Power Conductors + 3 Grounds</b>								
0037023	Black	1 AWG/3c	8 AWG/3c	1.225	31.1	1449	1612	53112679
0037024	Black	2/0 AWG/3c	8 AWG/3c	1.462	37.1	2003	2054	53112680
0037025	Black	3/0 AWG/3c	6 AWG/3c	1.576	40.0	2656	2797	53112680
0037026	Black	4/0 AWG/3c	6 AWG/3c	1.678	42.6	3250	3410	53112680
0037027	Black	250 KCMIL/3c	4 AWG/3c	1.970	50.0	3637	4118	53112681
0037028	Black	350 KCMIL/3c	2 AWG/3c	2.191	55.6	4756	5255	53112501

Recommended SKINTOP® assumes minimal OD variance. Additional configurations are available, please see our SKINTOP® section. Photographs are not to scale and are not true representations of the products in question. For current information go to our website. If not otherwise specified, all values relating to the product are nominal values.