

OLFLEX® SERVO 9YSLCY-JB



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

OLFLEX® SERVO 9YSLCY-JB is a highly flexible power cable for large horse power motors and VFD drives. It has a double shield with polypropylene insulated conductors for optimal low-loss power transmission when compared to PVC. OLFLEX® SERVO 9YSLCY-JB is UL AWM & CSA AWM rated.

Recommended Applications:

Motor connections for large motors and drives, Textile machinery, Machine tool, Paper industry, Conveying technology

Application Advantage:

- Fine stranding for excellent flexibility and easy routing
- UL & CSA AWM approved
- Black Jacket version has 3 symmetrical grounds for improved EMC performance
- Black jacket version is UV resistant
- No cable benders required

OLFLEX® SERVO 9YSLCY-JB (3 power + ground) Construction:

Finely stranded bare copper conductors; polypropylene insulation; overall foil and tinned copper shield; transparent PVC jacket.



OLFLEX® SERVO 9YSLCY-JB (3 power + 3 insulated symmetrical grounds) Construction:

Finely stranded bare copper conductors; polypropylene insulation; overall foil and tinned copper shield; oil resistant black PVC jacket.



Cable Attributes, See Page 653 Oil Resistance: OR-01 Motion Type: FL-01 Flame Resistance: FR-02 Mechanical Properties: MP-01		Availability: Standard put-ups are 164ft, 328ft, 1640ft, and 3280ft. Bulk reels can be cut to length.	Complete the installation with: SKINTOP® Strain Relief: Page 486 OLFLEX® Tubing: Page 546 EPIC® Connectors: Page 251 SKINTOP® BRUSH: Page 506
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Technical Data:

- Minimum Bending Radius for installation: 4 x cable diameter
- Temperature Range: -40°C to +80°C
- Nominal Voltage: 1000V
- Conductor Stranding: Fine Wire in acc. to VDE 0295 CI 5
- Color Code: Black, brown, gray with green/yellow ground or black, brown, gray with 3 green/yellow symmetrical grounds
- Approvals: UL: - AWM Style 2570 or 20886, VW-1
CSA: - AWM I/II A/B, FT-1

Part Number	Jacket Color	AWG/c	Ground Size AWG/c	Nominal Outer Diameter		Copper Weight lbs/mft	Approx. Weight	
				inches	mm		lbs/mft	kg/km
0037008	Transparent	1/4c	-	1.34	34.1	1482	1982	2950
0037009	Transparent	2/0-4c	-	1.61	40.9	2017	2654	3950
0037010	Transparent	3/0-4c	-	1.79	45.4	2691	3561	5300
0037011	Transparent	4/0-4c	-	1.96	49.8	3432	4435	6600
0037012	Transparent	250 KCMIL-4c	-	2.21	56.1	4183	4733	7043
0037013	Transparent	350 KCMIL-4c	-	2.42	61.4	5086	5634	8384
0037014	Transparent	450 KCMIL-4c	-	2.67	67.9	6679	8165	12150
0037023	Black	1/3c	8/3c	1.22	31.1	1449	1612	2399
0037024	Black	2/0-3c	8/3c	1.46	37.1	2003	2054	3056
0037025	Black	3/0-3c	6/3c	1.57	40.0	2656	2797	4162
0037026	Black	4/0-3c	6/3c	1.68	42.6	3250	3410	5074
0037027	Black	250 KCMIL-3c	4/3c	1.97	50.0	3637	4118	6128
0037028	Black	300 KCMIL-3c	2/3c	2.19	55.6	4756	5255	7820