

OLFLEX® SERVO 2YSLCY-JB



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

OLFLEX® SERVO 2YSLCY-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.

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
- Black Jacket version has 3 symmetrical grounds for improved EMC performance
- Black jacket version is UV resistant
- No cable benders required

OLFLEX® SERVO 2YSLCY-JB (3 power + ground) Construction:

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



OLFLEX® SERVO 2YSLCY-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	Flame Resistance: FR-02
Motion Type: FL-01	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	EPIC® Connectors: Page 251
OLFLEX® Tubing: Page 546	SKINTOP® BRUSH: Page 506

Technical Data:

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|--|------------------------------------|-------------|---|
| Minimum Bending Radius for installation: | 4 x cable diameter | Color Code: | Black, brown, gray with green/yellow ground or black, brown, gray with 3 green/yellow symmetrical grounds |
| Temperature Range: | -40°C to +70°C | Approvals: | Fulfills EMC requirement acc. to EN 55011 (DIN VDE 0875, part 11) |
| Nominal Voltage: | 1000V | | |
| Conductor Stranding: | Fine Wire in acc. to VDE 0295 Cl 5 | | |

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
0036433	Transparent	1/4c	-	1.378	35.0	1482	1982	2950
0036434	Transparent	2/0-4c	-	1.551	39.4	2017	2654	3950
0036435	Transparent	3/0-4c	-	1.811	46.0	2691	3562	5300
0036436	Transparent	4/0-4c	-	2.043	51.9	3432	4435	6600
0036437	Transparent	300 KCMIL-4c	-	2.264	57.5	4183	4733	7043
0036438	Transparent	350 KCMIL-4c	-	2.406	61.1	5086	5634	8384
0036447	Black	1/3c	8/3c	1.378	35.0	1449	1612	2399
0036448	Black	2/0-3c	6/3c	1.598	40.6	2003	2054	3056
0036449	Black	3/0-3c	6/3c	1.732	44.0	2656	2797	4162
0036450	Black	4/0-3c	6/3c	1.949	49.5	3250	3410	5074
0036451	Black	300 KCMIL-3c	4/3c	2.173	55.2	4756	4118	6128