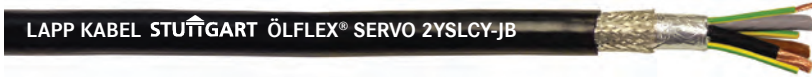


ÖLFLEX® SERVO 2YSLCY-JB

Flexible low capacitance, double-shielded, large-gauge motor cable for servo & VFD applications



ÖLFLEX® SERVO 2YSLCY-JB is a highly flexible power cable for large horsepower motors and VFD drives. It has a double shield with polyethylene-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



Cable attributes		page 648	
OIL	OR-01	FLAME	FR-02
MOTION	FL-01	MECH.	MP-01

Construction

Conductors: finely stranded bare copper

Insulation: polyethylene

Shielding: overall foil and tinned copper braid

Jacket: PVC; transparent or black

Application advantage

- Flexible for easier routing
- For large power drive systems
- Black jacketed version: 3 symmetrical grounds for improved EMC performance

Complete the installation



SKINTOP®
MS-M BRUSH
page 524



EPIC®
ULTRA HB
page 404

Technical data

Minimum bend radius:	4 x cable diameter	Conductor stranding:	Class 5 fine wire
Temperature range:		Color code:	VDE 0293-308: chart 6, page 681 black, brown, gray, plus 1 or 3 green/yellow ground(s)
	- for stationary use: -40°C to +70°C		
	- for flexible use: -5°C to +70°C		
Nominal voltage:	1000V	Approvals:	CE & RoHS
Test voltage:	4000V		

three conductors + one ground, transparent jacket

Part number	Size of ground	Nominal outer diameter in	mm	Copper weight lbs/mft	Approx. weight lbs/mft	SKINTOP® MS-M BRUSH metric thread
1 AWG (50 mm ²)						
0036433	1 AWG	1.411	35.8	1576	1982	53112680
2/0 AWG (70 mm ²)						
0036434	2/0 AWG	1.588	40.3	2148	2654	53112680
3/0 AWG (95 mm ²)						
0036435	3/0 AWG	1.832	46.5	2900	3562	53112681
4/0 AWG (120 mm ²)						
0036436	4/0 AWG	2.096	53.2	3652	4435	53112681
250 KCMIL (150 mm ²)						
0036437	250 KCMIL	2.258	57.3	4296	4733	53112501
350 KCMIL (185 mm ²)						
0036438	350 KCMIL	2.455	62.3	5132	5634	53112500

three conductors + three grounds, black jacket

Part number	Size of ground	Nominal outer diameter inmm		Copper weight lbs/mft	Approx. weight lbs/mft	SKINTOP® MS-M BRUSH metric thread
1 AWG (50 mm²)						
0036447	8 AWG	1.284	32.6	1449	1612	53112679
2/0 AWG (70 mm²)						
0036448	6 AWG	1.434	36.4	1929	2054	53112680
3/0 AWG (95 mm²)						
0036449	6 AWG	1.655	42.0	2656	2797	53112680
4/0 AWG (120 mm²)						
0036450	6 AWG	1.883	47.8	3250	3410	53442681
250 KCMIL (150 mm²)						
0036451	4 AWG	2.033	51.6	3636	4118	53112681

If not otherwise specified, all values relating to the product are nominal values.
Photographs are not to scale and are not true representations of the products in question.