

OLFLEX® SERVO 709 CY



Flexible Power Supply & Signal Cable
for Stationary Applications with UL/CSA

OLFLEX® SERVO 709 CY is a highly flexible and oil resistant servo cable with both power and signal conductors. The pairs are individually shielded plus an overall shield. OLFLEX® SERVO 709 CY is UL AWM & CSA AWM rated.

Recommended Applications:

Motor connections for Servo motors, Automation equipment, Machine tool, Food & beverage and Packaging industry

Application Advantage:

- Shielded pairs and overall shield for excellent EMI/RFI protection
- UL & CSA AWM approved
- Orange oil resistant PVC jacket for industrial applications and motor identification
- Rated for 1000 Volts
- Flame retardant meeting FT1
- Conforms to DESINA®

OLFLEX® SERVO 709 CY Construction:

Finely stranded bare copper conductors, PVC insulation, pairs shielded with aluminum foil and tinned copper shield, overall tinned copper braid (85% coverage), specially blended orange PVC jacket.



Cable Attributes, See Page 653 Oil Resistance: OR-01 Motion Type: FL-01 Flame Resistance: FR-02 Mechanical Properties: MP-03		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 EPIC® MIL Style: Page 406
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Technical Data:

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| Minimum Bending Radius for flexible use: | 6 x cable diameter | Conductor Stranding: | Fine Wire in acc. to VDE 0295 Cl.5/ IEC60228 Cl.5 |
| Temperature Range: for static: | -40°C to +90°C | Color Code: | Black with white numbers plus green/yellow ground |
| Nominal Voltage: | 600/1000V | ≤ 20 AWG Pairs: | Black with white numbers |
| Test Voltage: | Power: 4000V
Signal: 3000V | 22 AWG Pairs: | White/brown and green/yellow |
| Approvals: | UL:
CSA: | AWM Style 20886 VW-1
AWM II A/B FT1 | |

Part Number	Power Conductors	Plus	Signal Pairs, Individually Shielded	Nominal Outer Diameter		Copper Weight lbs/mt	Approx. Weight	
				inches	mm		lbs/mt	kg/km
0038010	16 AWG/ 4c	+	-	.390	9.9	60	116	173
0038011	14 AWG/ 4c	+	-	.465	11.8	90	168	250
0038012	12 AWG/ 4c	+	-	.543	13.8	146	247	368
0038013	10 AWG/ 4c	+	-	.602	15.3	199	321	478
0038014	8 AWG/ 4c	+	-	.768	19.5	330	525	781
0038015	6 AWG/ 4c	+	-	.909	23.1	499	805	1198
0038016	4 AWG/ 4c	+	-	1.083	27.5	749	1162	1730
0038017	2 AWG/ 4c	+	-	1.217	30.9	1023	1535	2284
0038018	1 AWG/ 4c	+	-	1.516	38.5	1474	2280	3393
0038019	19 AWG/ 4c	+	22 AWG/ 2pr	.488	12.4	65	151	225
0038020	18 AWG/ 4c	+	19 AWG/ 2pr	.535	13.6	100	199	296
0038021	16 AWG/ 4c	+	19 AWG/ 2pr	.583	14.8	114	230	343
0038022	14 AWG/ 4c	+	18 AWG/ 2pr	.642	16.3	160	282	420
0038023	12 AWG/ 4c	+	18 AWG/ 1pr & 16 AWG/ 1pr	.657	16.7	213	361	537
0038024	10 AWG/ 4c	+	18 AWG/ 1pr & 16 AWG/ 1pr	.756	19.2	286	473	704
0038025	8 AWG/ 4c	+	18 AWG/ 1pr & 16 AWG/ 1pr	.874	22.2	403	648	965
0038026	6 AWG/ 4c	+	18 AWG/ 1pr & 16 AWG/ 1pr	1.004	25.5	587	927	1380
0038027	4 AWG/ 4c	+	16 AWG/ 2pr	1.185	30.1	850	1313	1954
0038028	2 AWG/ 4c	+	16 AWG/ 2pr	1.283	32.6	1115	1723	2564
0038029	1 AWG/ 4c	+	14 AWG/ 2pr	1.559	39.6	1578	2543	3785

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