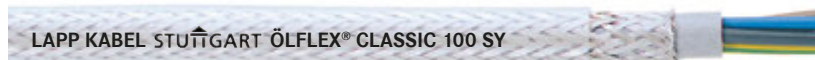


ÖLFLEX® CLASSIC 100 SY

Flexible Power and Control Cable; Color-Coded; Steel Braid



ÖLFLEX® CLASSIC 100 SY is a color-coded multi-conductor power and control cable with a galvanized steel braided shield for mechanical and low frequency protection. It is for use in all electrical equipment in dry, damp, or wet conditions. It is a European-style cable conforming to CE.

Recommended Applications

Control systems; assembly lines; control panels; data processing equipment; European machinery

Approvals



Construction

Conductors: Finely stranded bare copper

Insulation: PVC

Shielding: Gray PVC inner jacket; galvanized steel braid (75% coverage)

Jacket: PVC; transparent

Application Advantage

- Available with inner jacket and steel braid for mechanical protection
- Steel braid provides protection from low-frequency noise
- Pressure-extruded jacket for improved flexibility

Cable Attributes		page 640
OIL	OR-01	FLAME FR-02
MOTION	FL-01	MECH. MP-01

Complete the Installation	
SKINTOP® MS-SC page 516	EPIC® Connectors page 280

Technical Data

Minimum Bend Radius: - for installation: 6 x cable diameter	Test Voltage: 4000V
Temperature Range: - for flexible use: -5°C to +70°C - for stationary use: -40°C to +80°C	Conductor Stranding: Class 5 fine wire
Nominal Voltage: - ≤ 16 AWG: 300/500V - ≥ 14 AWG: 450/750V	Color Code: VDE 0293-308: Chart 6, page 673
	Approvals: Based on VDE specifications CE & RoHS

Part Number	Number of Conductors (incl. ground)	Nominal Outer Diameter (in) (mm)		Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	SKINTOP® MS-SC PG Thread	Part Number	Number of Conductors (incl. ground)	Nominal Outer Diameter (in) (mm)		Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	SKINTOP® MS-SC PG Thread
18 AWG (1.00 mm²)							10 AWG (6 mm²)						
0016043	3	0.346	8.8	19	103	S1111	0016106	3	0.622	15.8	116	365	S1121
00160443	4	0.374	9.5	26	121	S1111	00161073	4	0.677	17.2	155	461	S1121
00160453	5	0.398	10.1	32	136	S1113	00161083	5	0.740	18.8	194	536	S1129
16 AWG (1.50 mm²)							8 AWG (10 mm²)						
0016065	3	0.382	9.7	29	128	S1113	00161103	4	0.838	21.3	258	677	S1129
00160663	4	0.402	10.2	39	146	S1113	00161113	5	0.917	23.3	323	803	S1129
00160673	5	0.437	11.1	48	180	S1113	6 AWG (16 mm²)						
14 AWG (2.50 mm²)							00161133	4	0.949	24.1	413	929	S1129
0016088	3	0.496	12.6	48	187	S1116	4 AWG (25 mm²)						
00160893	4	0.547	13.9	65	228	S1121	00161163	4	1.157	29.4	645	1356	S1136
00160903	5	0.598	15.2	81	267	S1121	00161173	5	1.283	32.6	806	1654	S1248
12 AWG (4 mm²)							2 AWG (35 mm²)						
0016101*	2	0.535	13.6	52	221	S1121	00161183	4	1.276	32.4	903	1725	S1248
00161023	4	0.618	15.7	103	307	S1121							
00161033	5	0.673	17.1	129	366	S1121							

* 2c cable does not include ground

Recommended SKINTOP® assumes minimal OD variance. Additional configurations are available; please see our SKINTOP® section. 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. For current information go to our website.