

ÖLFLEX® POWER MULTI

Flexible & Oil-Resistant Tray Cable & STOOW Extra Hard Service Cordage

LAPP KABEL STUTTGART ÖLFLEX® POWER MULTI



ÖLFLEX® POWER MULTI is a multi-purpose power cable with cordage, tray, and NEC Class 1 Div. 1 (flexible use only) approvals.

Recommended Applications

Power cord for equipment; paint booths; appliances; factory installations; any power hook-up in the plant

Approvals



Cable Attributes		page 640	
OIL	OR-03	FLAME	FR-03
MOTION	FL-02	MECH.	MP-03

Complete the Installation	
SKINTOP® Strain Relief page 488	EPIC® Connectors page 280

Construction

Conductors: Finely stranded bare copper

Insulation: Specially formulated PVC

Jacket: Specially formulated thermoplastic polymer; black

Application Advantage

- UL & CSA STOOW cordage approval
- UL TC-ER & CSA TC approval
- One cable does the job of three
- Durable jacket for long performance life

Technical Data

Minimum Bend Radius:
- for installation: 4 x cable diameter

Temperature Range:
- UL/CSA TC: -25°C to +90°C
- for flexible use: -25°C to +105°C
- for stationary use: -40°C to +105°C

Nominal Voltage:
- UL/CSA TC/STOOW: 600V

Test Voltage: 2000V

Conductor Stranding: Class 5 fine wire*
* 18 AWG meets only Class 5 cross section and DC resistance

Color Code:
- 3c: Color & number-coded
Black, white, green/yellow
- 4c: Black, white, red, green/yellow
- 5c: Black, white, red, brown, green/yellow
- 7c & higher: Black with white numbers, plus green/yellow ground

Approvals:
UL: TC-ER per UL 1277
STOOW per UL 62
Attributes: UL Oil Res I/II
75°C Wet; 90°C Dry
Sunlight Resistant
Direct Burial
NFPA 79
NEC: Class 1 Division 1 & 2 per
NEC Article 501
Canada: c(UL) CIC/TC FT4
c(UL) STOOW
CSA AWM I/II A/B FT4
Additional: CE & RoHS

Part Number	Number of Conductors (incl. ground)	Nominal Outer Diameter (in) (mm)	Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	SKINTOP® Non-Metallic PG Thread	Part Number	Number of Conductors (incl. ground)	Nominal Outer Diameter (in) (mm)	Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	SKINTOP® Non-Metallic PG Thread
18 AWG (1.00 mm²)						14 AWG (2.50 mm²)					
611803	3	0.371 9.4	20	62	S2111	611403	3	0.541 13.8	49	93	S2121
611804	4	0.399 10.1	26	71	S2113	611404	4	0.584 14.8	65	112	S2121
611805	5	0.471 12.0	33	82	S2116	611405	5	0.663 16.8	81	132	S2121
16 AWG (1.50 mm²)						12 AWG (4 mm²)					
611603	3	0.399 10.1	29	75	S2113	611203	3	0.631 16.0	78	126	S2121
611604	4	0.430 10.9	39	88	S2113	611204	4	0.681 17.3	104	156	S2129
611605	5	0.507 12.9	49	104	S2116	611205	5	0.739 18.8	129	192	S2129
611607	7	0.544 13.8	68	132	S2121	10 AWG (6 mm²)					
611612	12	0.719 18.3	117	225	S2129	611003	3	0.676 17.2	117	229	S2121
611618	18	0.824 20.9	175	295	S2129	611004	4	0.732 18.6	155	271	S2129
611625	25	0.966 24.5	242	401	S2136	8 AWG (10 mm²)					
						610803	3	0.840 21.3	194	430	S2129
						610804	4	0.943 24.0	258	566	S2129

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.