

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

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OIL OR-03



FLAME FR-03



MOTION FL-02



MECH. MP-03

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

Complete the installation



SKINTOP®
strain relief
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EPIC®
pin & sleeve
page 465

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® SL PG thread
18 AWG (1 mm²)					
611803	3	0.371	9.4	20	62 S2111
611804	4	0.399	10.1	26	71 S2113
611805	5	0.471	12.0	33	82 S2116
16 AWG (1.5 mm²)					
611603	3	0.399	10.1	29	75 S2113
611604	4	0.430	10.9	39	88 S2113
611605	5	0.507	12.9	49	104 S2116
611607	7	0.544	13.8	68	132 S2121
611612	12	0.719	18.3	117	225 S2129
611618	18	0.824	20.9	175	295 S2129
611625	25	0.966	24.5	242	401 S2136

Part number	Number of conductors incl. ground	Nominal outer diameter in mm	Copper weight lbs/mft	Approx. weight lbs/mft	SKINTOP® SL PG thread
14 AWG (2.5 mm²)					
611403	3	0.541	13.8	49	93 S2121
611404	4	0.584	14.8	65	112 S2121
611405	5	0.663	16.8	81	132 S2121
12 AWG (4 mm²)					
611203	3	0.631	16.0	78	126 S2121
611204	4	0.681	17.3	104	156 S2129
611205	5	0.739	18.8	129	192 S2129
10 AWG (6 mm²)					
611003	3	0.676	17.2	117	229 S2121
611004	4	0.732	18.6	155	271 S2129
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.