

ÖLFLEX® FLAT

Flat festoon cable with PVC jacket; UL/CSA approval



ÖLFLEX® FLAT* is a UL/CSA approved PVC festoon power and control cable. The specially formulated PVC compound is UV-resistant and allows continuous festooning over a wide temperature range for both indoor and outdoor applications. *Trade product, no LAPP product.

Recommended applications

Overhead cranes; material handling systems; supply lines for moving machine parts

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

Construction

Conductors: stranded bare copper wire

Insulation: PVC

Jacket: PVC; black or yellow

Shielded version: individually shielded conductors; tinned copper braid (90% coverage)

Application advantage

- Flat construction allows cables to be stacked for applications where space is limited
- Meets North American approvals

Approvals



Complete the installation

	SKINDICHT® SVF page 529		EPIC® connectors page 284
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Technical data

	Temperature range:			Color code:	ICEA-NEMA (K-2): chart 10, page 683
	- for flexible use:	-10°C to +70°C		<input checked="" type="checkbox"/>	Approvals:
	- for stationary use:	-40°C to +105°C			
	Rated voltage:	600V			

Part number		Number of conductors	Nominal outer diameter (height x width)		Copper weight lbs/mft	Approx. weight lbs/mft	SKINDICHT® SVF PG thread
black jacket	yellow jacket		in	mm			
16 AWG: unshielded							
811261	811234	8	0.200 x 1.110	5.1 x 28.2	64	180	52005500
811262	811232	12	0.200 x 1.605	5.1 x 40.8	96	270	52005520
16 AWG: shielded							
811358	—	4	0.225 x 0.700	5.7 x 17.8	69	160	52005490
811357	—	8	0.270 x 1.450	6.9 x 36.8	138	220	52005510
14 AWG							
811259	811269	4	0.240 x 0.690	6.1 x 17.5	51	120	52005490
811263	811233	8	0.240 x 1.334	6.1 x 33.9	103	220	52005510
811267	811272	12	0.240 x 1.950	6.1 x 49.5	155	340	52005530
12 AWG							
811264	811235	4	0.230 x 0.711	5.8 x 18.0	83	160	52005490
811273	811236	8	0.230 x 1.340	5.8 x 34.0	166	320	52005510
10 AWG							
811266	811237	4	0.270 x 0.880	6.9 x 22.4	132	240	52005500
8 AWG							
811270	811238	4	0.365 x 1.190	9.3 x 30.2	212	420	52005510
6 AWG							
811271	811239	4	0.430 x 1.450	10.9 x 36.8	333	600	52005510
4 AWG							
811279	811280	4	0.486 x 1.656	12.3 x 42.1	560	750	—
2 AWG							
811274	811240	4	0.559 x 1.959	14.2 x 49.8	852	1270	—

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.