

ÖLFLEX® LIFT F Flat festoon cable with PVC jacket

LAPP KABEL STUTTGART ÖLFLEX® LIFT F



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ÖLFLEX® LIFT F is a flat control cable with special cold-resistant PVC insulation and black PVC jacket. According to VDE definition, this cable can also be used as an elevator control cable.

Recommended applications

Conveyor systems; hoists; cable trolleys; supply lines for moving machine parts; cable tracks; lift applications

Construction

Conductors: finely stranded bare copper

Insulation: PVC

Jacket: PVC; black

Application advantage

- Flame-retardant jacket
- Improved flexibility due to finely stranded conductors
- Meets requirements of the harmonized PVC flat cable H05VVH6-F & H07VVH6-F

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

Complete the installation	
SKINDICHT® SVF	EPIC® connectors
page 529	page 284

Approvals



Technical data

Minimum bend radius:	10 x cable height	Conductor stranding:	Class 5 fine wire
Temperature range:		Color code:	
- for flexible use:		- up to 5c:	VDE 0293-308: chart 6, page 681
- 18 AWG:	0°C to +70°C	- 6c & higher:	black with white numbers, plus green/yellow ground
- 16 AWG & larger:	-15°C to +70°C		
Nominal voltage:		Approvals:	
- 18 AWG:	300/500V	based on EN 50214/VDE 0283-2	
- 16 AWG & larger:	450/750V	(H05VVH6-F or H07VVH6-F)	
		CE & RoHS	

Part number	Number of conductors incl. ground	Single wire diameter		Nominal outer diameter (height x width)		Copper weight lbs/mft	Approx. weight lbs/mft	SKINDICHT® SVF PG thread
		in	mm	in	mm			
18 AWG (1 mm²)								
0042020	12	0.008	0.21	0.185 x 1.418	4.7 x 36.0	77	263	52005510
0042021	16	0.008	0.21	0.185 x 1.911	4.7 x 48.5	103	350	—
0042022	20	0.008	0.21	0.185 x 2.325	4.7 x 59.0	129	433	—
0042023	24	0.008	0.21	0.185 x 2.817	4.7 x 71.5	155	519	—
16 AWG (1.5 mm²)								
00420013	4	0.006	0.15	0.205 x 0.611	5.2 x 15.5	39	89	52005480
00420023	5	0.006	0.15	0.205 x 0.776	5.2 x 19.7	48	114	52005490
0042003	7	0.006	0.15	0.205 x 1.064	5.2 x 27.0	68	159	52005500
0042004	8	0.006	0.15	0.205 x 1.143	5.2 x 29.0	77	179	52005500
0042005	10	0.006	0.15	0.205 x 1.438	5.2 x 36.5	97	224	52005510
0042006	12	0.006	0.15	0.205 x 1.655	5.2 x 42.0	116	284	52005520
14 AWG (2.5 mm²)								
00420073	4	0.006	0.15	0.232 x 0.749	5.9 x 19.0	65	138	52005490
00420083	5	0.006	0.15	0.232 x 0.946	5.9 x 24.0	81	173	52005500
0042009	7	0.006	0.15	0.232 x 1.281	5.9 x 32.5	113	232	52005510
0042010	8	0.006	0.15	0.232 x 1.379	5.9 x 35.0	129	262	52005510
0042050	12	0.006	0.15	0.232 x 2.069	5.9 x 52.5	194	390	—
12 AWG (4 mm²)								
00420113	4	0.006	0.15	0.268 x 0.827	6.8 x 21.0	103	230	52005490
0042012	7	0.006	0.15	0.268 x 1.497	6.8 x 38.0	181	396	52005510
10 AWG (6 mm²)								
00420133	4	0.008	0.20	0.288 x 0.946	7.3 x 24.0	155	286	52005500
8 AWG (10 mm²)								
00420143	4	0.012	0.30	0.374 x 1.202	9.5 x 30.5	258	476	52005500
6 AWG (16 mm²)								
00420153	4	0.012	0.30	0.426 x 1.379	10.8 x 35.0	413	682	52005500
4 AWG (25 mm²)								
00420163	4	0.012	0.30	0.512 x 1.655	13.0 x 42.0	645	918	—

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.