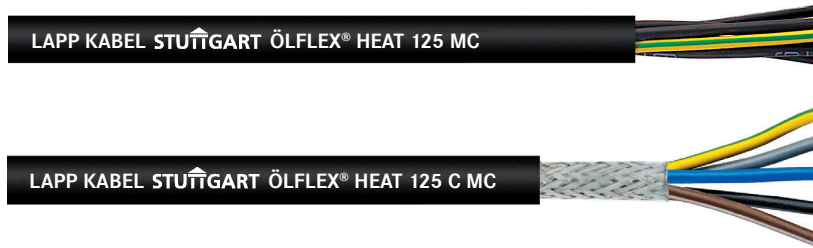


ÖLFLEX® HEAT 125 MC/125 C MC

Highly flame retardant high temperature multi-conductor control cable



The ÖLFLEX® HEAT 125 MC series are heat resistant, highly flame retardant, halogen-free multi-conductor cables with a cross-linked polyolefin copolymer compound. Cables are available in both shielded and non-shielded versions.

Unshielded construction

- Conductors:** finely stranded tinned copper
- Insulation:** cross-linked polyolefin copolymer
- Jacket:** cross-linked polyolefin copolymer; black

Shielded construction

- Conductors:** finely stranded tinned copper
- Insulation:** cross-linked polyolefin copolymer
- Shielding:** tinned copper braid
- Jacket:** cross-linked polyolefin copolymer; black

Recommended applications

Lighting equipment; heating appliances; switch gear cabinets; other high-temperature and outdoor appliances

Approvals



Application advantage

- Resistant to humidity, ozone & UV
- Highly flame retardant
- Abrasion and notch resistant
- Halogen-free
- DNV-GL type-approved product

Cable attributes page 648

OIL	OR-01	FLAME	FR-03
MOTION	FL-01	MECH.	MP-01

Complete the installation

	SKINDICHT® CN page 530		EPIC® connectors page 284
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Technical data

Minimum bend radius:	- for stationary use: 4 x cable diameter	Color code:	- ÖLFLEX® HEAT 125 MC:	VDE 0293-308: chart 6, page 681
	- shielded: 5 x cable diameter		- up to 5c:	black with white numbers,
			- 6c & higher:	plus green/yellow ground
Temperature range:	-55°C to +125°C		- ÖLFLEX® HEAT C 125 MC:	VDE 0293-308: chart 6, page 681 or
	short term up to 145°C			black with white numbers,
				plus green/yellow ground
Nominal voltage:	- up to 18 AWG: 300/500V	Approvals:	CE & RoHS	
	- 16 AWG & larger: 450/750V		DNV-GL certified	
Test voltage:	4000V			
Conductor stranding:	Class 5 fine wire			

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.

ÖLFLEX® HEAT 125 MC

Part number	Number of conductors incl. ground*	Nominal outer diameter in mm		Copper weight lbs/mft	Approx. weight lbs/mft	SKINDICHT® CN PG thread
20 AWG (0.5 mm²)						
1024300	2	0.236	6.0	6	26	52032525
1024301	3	0.248	6.3	10	31	52032525
19 AWG (0.75 mm²)						
1024307	2	0.252	6.4	10	27	52032525
1024308	3	0.268	6.8	15	36	52032525
1024309	4	0.292	7.4	19	46	52032525
1024310	5	0.327	8.3	24	58	52032525
1024311	7	0.355	9.0	34	85	52032525
18 AWG (1 mm²)						
1024315	2	0.260	6.6	13	34	52032525
1024316	3	0.276	7.0	19	45	52032525
1024317	4	0.307	7.8	26	58	52032525
1024318	5	0.339	8.6	32	72	52032525
1024319	7	0.374	9.5	45	102	52032525
1024320	12	0.504	12.8	77	149	52032540

* 2c cable does not include ground

Part number	Number of conductors incl. ground*	Nominal outer diameter in mm		Copper weight lbs/mft	Approx. weight lbs/mft	SKINDICHT® CN PG thread
16 AWG (1.5 mm²)						
1024323	2	0.299	7.6	19	48	52032525
1024324	3	0.327	8.3	29	65	52032525
1024325	4	0.355	9.0	39	83	52032525
1024326	5	0.398	10.1	48	105	52032525
1024327	7	0.441	11.2	68	151	52032525
1024328	12	0.595	15.1	116	212	52032525
14 AWG (2.5 mm²)						
1024333	2	0.355	9.0	32	69	52032525
1024334	3	0.386	9.8	48	97	52032525
1024335	4	0.426	10.8	65	127	52032525
1024336	5	0.469	11.9	81	158	52032540
1024337	7	0.520	13.2	113	231	52032540
12 AWG (4 mm²)						
1024341	4	0.500	12.7	103	185	52032540
1024342	5	0.552	14.0	129	224	52032540
10 AWG (6 mm²)						
1024346	4	0.556	14.1	155	229	52032540
1024347	5	0.623	15.8	194	290	52032560

ÖLFLEX® HEAT 125 C MC

color-coded

Part number	Number of conductors incl. ground*	Nominal outer diameter in mm		Copper weight lbs/mft	Approx. weight lbs/mft	SKINDICHT® CN PG thread
20 AWG (0.5 mm²)						
1024400	2	0.268	6.8	28	30	52032525
1024401	3	0.280	7.1	31	40	52032525
19 AWG (0.75 mm²)						
1024407	2	0.284	7.2	31	53	52032525
1024408	3	0.299	7.6	39	65	52032525
1024409	4	0.331	8.4	43	78	52032525
1024410	5	0.359	9.1	52	93	52032525
18 AWG (1 mm²)						
1024415	2	0.292	7.4	38	60	52032525
1024416	3	0.315	8.0	44	70	52032525
1024417	4	0.339	8.6	52	87	52032525
1024418	5	0.378	9.6	60	103	52032525
16 AWG (1.5 mm²)						
1024423	2	0.339	8.6	44	77	52032525
1024424	3	0.359	9.1	56	89	52032525
1024425	4	0.394	10.0	67	110	52032525
1024426	5	0.437	11.1	84	134	52032525
14 AWG (2.5 mm²)						
1024433	2	0.394	10.0	75	106	52032525
1024434	3	0.422	10.7	98	133	52032525
1024435	4	0.457	11.6	112	159	52032525
1024436	5	0.508	12.9	134	193	52032540
12 AWG (4 mm²)						
1024441	4	0.540	13.7	159	213	52032540
10 AWG (6 mm²)						
1024446	4	0.595	15.1	214	271	52032560
8 AWG (10 mm²)						
1024451	4	0.760	19.3	375	450	52032560

* 2c cable does not include ground

black with white numbers

Part number	Number of conductors incl. ground	Nominal outer diameter in mm		Copper weight lbs/mft	Approx. weight lbs/mft	SKINDICHT® CN PG thread
19 AWG (0.75 mm²)						
1024480	2*	0.284	7.2	31	53	52032525
1024481	3*	0.299	7.6	39	65	52032525
1024482	4*	0.331	8.4	43	78	52032525
1024411	7	0.394	10.0	69	125	52032525
1024483	7*	0.394	10.0	69	125	52032525
1024412	12	0.528	13.4	119	147	52032540
18 AWG (1 mm²)						
1024484	2*	0.292	7.4	38	60	52032525
1024485	3*	0.315	8.0	44	70	52032525
1024419	7	0.406	10.3	76	142	52032525
1024420	12	0.552	14.0	126	179	52032540
16 AWG (1.5 mm²)						
1024486	2*	0.339	8.6	44	77	52032525
1024487	4*	0.394	10.0	67	110	52032525
1024427	7	0.473	12.0	100	183	52032540
1024488	7*	0.473	12.0	100	183	52032540
1024428	12	0.642	16.3	121	249	52032560
14 AWG (2.5 mm²)						
1024489	3*	0.422	10.7	98	133	52032525
1024490	4*	0.457	11.6	112	159	52032525
1024437	7	0.567	14.4	194	259	52032540
1024438	12	0.760	19.3	321	382	52032560

* 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.