Harmonised; halogen-free to protect human life, the environment and material assets
Protection of human life and the environment thanks to the avoidance of the formation of acid in case of fire
Time-saving assembly



Halogen-free

Info
Halogen-free and harmonised (HAR)
For expanded ambient temperatures and higher conductor cross-sections see ÖLFLEX® HEAT 125 SC

Application range
For wiring of lamps, devices, switchgear cabinets and distribution boxes
For installation in tubes, on, in and under plaster as well as in closed installation ducts
In building with a high density of people or valuable assets
For use in dry rooms
For expanded ambient temperatures and higher conductor cross-sections see ÖLFLEX® HEAT 125 SC

Design
Fine-wire strand made of bare copper wires
Core insulation: Halogen-free

Norm references / Approvals
EN 50525-3-41
No cable type certified core insulation colours according to EN 50525-1/ VDE 0285-525-1: transparent, green (single colour), yellow (single colour), all double colours (except of green-yellow and yellow-green)

Product features
The insulation material is halogen-free and free of other materials which could release toxic gases in the event of fire
Low amount of corrosive gases in the event of fire
Low smokes/low smoke density in the event of fire according to IEC 61034
Flame-retardant according IEC 60332-1-2

Remark
Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 150/100kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.
Packaging size: Coil ≤ 30 kg, otherwise drum
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*for conventional use, **for careful bending; "OD" = outer diameter
The outer diameters stated in the part number table are maximum values.

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Technical Data

Classification:	ETIM 5.0 Class-ID: EC000993 ETIM 5.0 Class-Description: Single core cable
Conductor stranding:	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius:	At a cable temperature of 20°C ±10°C, according to HD 516 OD ≤ 8 mm: 4 x OD*/2 x OD** 8 < OD ≤ 12 mm: 5 x OD*/3 x OD** OD > 12 mm: 6 x OD*/4 x OD**
Nominal voltage:	U_0/U: 450/ 750 V
Test voltage:	2500 V
Current rating:	VDE 0298-4 HD 516/VDE 0298-300
Temperature range:	Fixed installation: -15°C to +90°C

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Part number	Conductor cross-section (mm²)	Outer diameter (mm)	Core colour	m/ring	m/box	Copper index (kg/km)	Weight (kg/km)
4726001	1.5	3.5	green/yellow	100		14.4	20
4726001K	1.5	3.5	green/yellow		1500	14.4	20
4726121	1.5	3.5	green	100		14.4	20
4726121K	1.5	3.5	green		1500	14.4	20
4726031	1.5	3.5	brown	100		14.4	20
4726031K	1.5	3.5	brown		1500	14.4	20
4726011	1.5	3.5	black	100		14.4	20
4726011K	1.5	3.5	black		1500	14.4	20
4726061	1.5	3.5	grey	100		14.4	20
4726061K	1.5	3.5	grey		1500	14.4	20
4726021	1.5	3.5	blue	100		14.4	20
4726021K	1.5	3.5	blue		1500	14.4	20
4726141	1.5	3.5	Dark blue	100		14.4	20
4726141K	1.5	3.5	Dark blue		1500	14.4	20
4726091	1.5	3.5	orange	100		14.4	20
4726091K	1.5	3.5	orange		1500	14.4	20
4726071	1.5	3.5	violet	100		14.4	20
4726071K	1.5	3.5	violet		1500	14.4	20
4726111	1.5	3.5	yellow	100		14.4	20
4726111K	1.5	3.5	yellow		1500	14.4	20
4726051	1.5	3.5	white	100		14.4	20
4726051K	1.5	3.5	white		1500	14.4	20
4726041	1.5	3.5	red	100		14.4	20
4726041K	1.5	3.5	red		1500	14.4	20
4726081	1.5	3.5	pink	100		14.4	20
4726081K	1.5	3.5	pink		1500	14.4	20
4726261K	1.5	3.5	blue/white		1500	14.4	20
4726002	2.5	4.3	green/yellow	100		24.0	32
4726002K	2.5	4.3	green/yellow		900	24.0	32
4726122	2.5	4.3	green	100		24.0	32
4726122K	2.5	4.3	green		900	24.0	32
4726032	2.5	4.3	brown	100		24.0	32
4726032K	2.5	4.3	brown		900	24.0	32
4726012	2.5	4.3	black	100		24.0	32

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Part number	Conductor cross-section (mm²)	Outer diameter (mm)	Core colour	m/ring	m/box	Copper index (kg/km)	Weight (kg/km)
4726012K	2.5	4.3	black		900	24.0	32
4726062	2.5	4.3	grey	100		24.0	32
4726062K	2.5	4.3	grey		900	24.0	32
4726022	2.5	4.3	blue	100		24.0	32
4726022K	2.5	4.3	blue		900	24.0	32
4726142	2.5	4.3	Dark blue	100		24.0	32
4726142K	2.5	4.3	Dark blue		900	24.0	32
4726092	2.5	4.3	orange	100		24.0	32
4726092K	2.5	4.3	orange		900	24.0	32
4726072	2.5	4.3	violet	100		24.0	32
4726072K	2.5	4.3	violet		900	24.0	32
4726112	2.5	4.3	yellow	100		24.0	32
4726112K	2.5	4.3	yellow		900	24.0	32
4726052	2.5	4.3	white	100		24.0	32
4726052K	2.5	4.3	white		900	24.0	32
4726042	2.5	4.3	red	100		24.0	32
4726042K	2.5	4.3	red		900	24.0	32
4726082	2.5	4.3	pink	100		24.0	32
4726082K	2.5	4.3	pink		900	24.0	32
4726262K	2.5	4.3	blue/white		900	24.0	32
4726003	4	4.9	green/yellow	100		38.4	45
4726003K	4	4.9	green/yellow		600	38.4	45
4726123	4	4.9	green	100		38.4	45
4726123K	4	4.9	green		600	38.4	45
4726033	4	4.9	brown	100		38.4	45
4726033K	4	4.9	brown		600	38.4	45
4726013	4	4.9	black	100		38.4	45
4726013K	4	4.9	black		600	38.4	45
4726063	4	4.9	grey	100		38.4	45
4726063K	4	4.9	grey		600	38.4	45
4726023	4	4.9	blue	100		38.4	45
4726023K	4	4.9	blue		600	38.4	45
4726143	4	4.9	Dark blue	100		38.4	45
4726143K	4	4.9	Dark blue		600	38.4	45

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Part number	Conductor cross-section (mm²)	Outer diameter (mm)	Core colour	m/ring	m/box	Copper index (kg/km)	Weight (kg/km)
4726093	4	4.9	orange	100		38.4	45
4726093K	4	4.9	orange		600	38.4	45
4726073	4	4.9	violet	100		38.4	45
4726073K	4	4.9	violet		600	38.4	45
4726113	4	4.9	yellow	100		38.4	45
4726113K	4	4.9	yellow		600	38.4	45
4726053	4	4.9	white	100		38.4	45
4726053K	4	4.9	white		600	38.4	45
4726043	4	4.9	red	100		38.4	45
4726043K	4	4.9	red		600	38.4	45
4726083	4	4.9	pink	100		38.4	45
4726083K	4	4.9	pink		600	38.4	45
4726004	6	5.5	green/yellow	100		57.6	65
4726004K	6	5.5	green/yellow		400	57.6	65
4726124	6	5.5	green	100		57.6	65
4726124K	6	5.5	green		400	57.6	65
4726034	6	5.5	brown	100		57.6	65
4726034K	6	5.5	brown		400	57.6	65
4726014	6	5.5	black	100		57.6	65
4726014K	6	5.5	black		400	57.6	65
4726064	6	5.5	grey	100		57.6	65
4726064K	6	5.5	grey		400	57.6	65
4726024	6	5.5	blue	100		57.6	65
4726024K	6	5.5	blue		400	57.6	65
4726144	6	5.5	Dark blue	100		57.6	65
4726144K	6	5.5	Dark blue		400	57.6	65
4726094	6	5.5	orange	100		57.6	65
4726094K	6	5.5	orange		400	57.6	65
4726074	6	5.5	violet	100		57.6	65
4726074K	6	5.5	violet		400	57.6	65
4726114	6	5.5	yellow	100		57.6	65
4726114K	6	5.5	yellow		400	57.6	65
4726054	6	5.5	white	100		57.6	65
4726054K	6	5.5	white		400	57.6	65

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Part number	Conductor cross-section (mm²)	Outer diameter (mm)	Core colour	m/ring	m/box	Copper index (kg/km)	Weight (kg/km)
4726044	6	5.5	red	100		57.6	65
4726044K	6	5.5	red		400	57.6	65
4726084	6	5.5	pink	100		57.6	65
4726084K	6	5.5	pink		400	57.6	65
4726005	10	7.1	green/yellow	100		96.0	110
4726125	10	7.1	green	100		96.0	110
4726035	10	7.1	brown	100		96.0	110
4726015	10	7.1	black	100		96.0	110
4726065	10	7.1	grey	100		96.0	110
4726025	10	7.1	blue	100		96.0	110
4726145	10	7.1	Dark blue	100		96.0	110
4726095	10	7.1	orange	100		96.0	110
4726075	10	7.1	violet	100		96.0	110
4726115	10	7.1	yellow	100		96.0	110
4726055	10	7.1	white	100		96.0	110
4726045	10	7.1	red	100		96.0	110
4726085	10	7.1	pink	100		96.0	110
4726006	16	8.4	green/yellow	100		153.6	170
4726126	16	8.4	green	100		153.6	170
4726036	16	8.4	brown	100		153.6	170
4726016	16	8.4	black	100		153.6	170
4726066	16	8.4	grey	100		153.6	170
4726026	16	8.4	blue	100		153.6	170
4726146	16	8.4	Dark blue	100		153.6	170
4726096	16	8.4	orange	100		153.6	170
4726076	16	8.4	violet	100		153.6	170
4726116	16	8.4	yellow	100		153.6	170
4726056	16	8.4	white	100		153.6	170
4726046	16	8.4	red	100		153.6	170
4726086	16	8.4	pink	100		153.6	170
4726007	25	10.6	green/yellow	100		240.0	290
4726127	25	10.6	green	100		240.0	290
4726037	25	10.6	brown	100		240.0	290
4726017	25	10.6	black	100		240.0	290

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Part number	Conductor cross-section (mm²)	Outer diameter (mm)	Core colour	m/ring	m/box	Copper index (kg/km)	Weight (kg/km)
4726067	25	10.6	grey	100		240.0	290
4726027	25	10.6	blue	100		240.0	290
4726147	25	10.6	Dark blue	100		240.0	290
4726097	25	10.6	orange	100		240.0	290
4726077	25	10.6	violet	100		240.0	290
4726117	25	10.6	yellow	100		240.0	290
4726057	25	10.6	white	100		240.0	290
4726047	25	10.6	red	100		240.0	290
4726087	25	10.6	pink	100		240.0	290
4726008	35	12.1	green/yellow			336.0	380
4726128	35	12.1	green			336.0	380
4726038	35	12.1	brown			336.0	380
4726018	35	12.1	black			336.0	380
4726068	35	12.1	grey			336.0	380
4726028	35	12.1	blue			336.0	380
4726148	35	12.1	Dark blue			336.0	380
4726098	35	12.1	orange			336.0	380
4726078	35	12.1	violet			336.0	380
4726118	35	12.1	yellow			336.0	380
4726058	35	12.1	white			336.0	380
4726048	35	12.1	red			336.0	380
4726088	35	12.1	pink			336.0	380
4726009	50	14.4	green/yellow			480.0	530
4726129	50	14.4	green			480.0	530
4726039	50	14.4	brown			480.0	530
4726019	50	14.4	black			480.0	530
4726069	50	14.4	grey			480.0	530
4726029	50	14.4	blue			480.0	530
4726149	50	14.4	Dark blue			480.0	530
4726099	50	14.4	orange			480.0	530
4726079	50	14.4	violet			480.0	530
4726119	50	14.4	yellow			480.0	530
4726059	50	14.4	white			480.0	530
4726049	50	14.4	red			480.0	530

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Part number	Conductor cross-section (mm²)	Outer diameter (mm)	Core colour	m/ring	m/box	Copper index (kg/km)	Weight (kg/km)
4726089	50	14.4	pink			480.0	530
4727001	70	16.6	green/yellow			672.0	750
4727121	70	16.6	green			672.0	750
4727031	70	16.6	brown			672.0	750
4727011	70	16.6	black			672.0	750
4727061	70	16.6	grey			672.0	750
4727021	70	16.6	blue			672.0	750
4727141	70	16.6	Dark blue			672.0	750
4727091	70	16.6	orange			672.0	750
4727071	70	16.6	violet			672.0	750
4727111	70	16.6	yellow			672.0	750
4727051	70	16.6	white			672.0	750
4727041	70	16.6	red			672.0	750
4727081	70	16.6	pink			672.0	750
4727002	95	18.8	green/yellow			912.0	1000
4727122	95	18.8	green			912.0	1000
4727032	95	18.8	brown			912.0	1000
4727012	95	18.8	black			912.0	1000
4727062	95	18.8	grey			912.0	1000
4727022	95	18.8	blue			912.0	1000
4727142	95	18.8	Dark blue			912.0	1000
4727092	95	18.8	orange			912.0	1000
4727072	95	18.8	violet			912.0	1000
4727112	95	18.8	yellow			912.0	1000
4727052	95	18.8	white			912.0	1000
4727042	95	18.8	red			912.0	1000
4727082	95	18.8	pink			912.0	1000

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