

VDE certified characteristics

Product Description



Application range

- Public buildings
- Airport, railway station
- Plant engineering and construction Industrial machinery Air conditioning installations Stage technique
- Particularly where human and animal life as well as valuable property are exposed to high risk of fire hazards

Design

- Fine strands of bare copper wires
- Core insulation: Halogen-free
- Special blended halogen-free outer sheath grey (RAL 7001)

Product features

- Flame retardant according to IEC 60332-1-2 (flame spread on single cable)
- No flame propagation acc. to IEC 60332-3-24 respectively IEC 60332-3-25 (Flame spread on vertical cable or wire bundle)
- No flame propagation according to NF C 32-070 category C1
- Halogen-free according to IEC 60754-1 (amount of halogen acid gas) Corrosiveness of combustion gases according to IEC 60754-2 (degree of acidity)
- Low smoke density acc. to IEC 61034

Technical Data

Core identification code

Black with white numbers acc. to VDE 0293

Based on

VDE 0281 Part 14

Specific insulation resistance

> 10 MOhm x km

Conductor stranding

Fine wire in accordance to VDE 0295 Class 5 / IEC

60228 Class 5

Minimum bending radius

Occasional flexing: 15 x cable diameter

Fixed installation: 4 x cable diameter

Rated voltage

U0/U: 300/500 V

Test voltage

4000 V

Protective conductor

G = with protective conductor GN/YE

X = without protective conductor

Range of temperature

Occasional flexing: -15°C to +70°C

Fixed installation: -40°C up to +70°C

Article List

Part number	Number of cores and mm ² per conductor	Outer diameter in mm	Copper index kg/km	Weight kg/km
ÖLFLEX® CLASSIC 130 H				
1123000	2 X 0,5	5,1	9.6	36
1123001	3 G 0,5	5,4	14.4	42
1123002	3 X 0,5	5,4	14.4	42
1123003	4 G 0,5	5,8	19.2	55
1123004	4 X 0,5	5,8	19.2	55
1123005	5 G 0,5	6,3	24	65
1123006	5 X 0,5	6,3	24	65
1123008	7 G 0,5	6,9	33.6	80
1123009	7 X 0,5	6,9	33.6	80
1123010	8 G 0,5	8,2	38.4	103
1123012	10 G 0,5	8,8	48	112
1123013	12 G 0,5	9,1	57.6	128
1123017	18 G 0,5	10,8	86.4	189
1123020	25 G 0,5	12,7	120	260
1123021	30 G 0,5	13,6	144	294
1123032	2 X 0,75	5,5	14.4	47
1123033	3 G 0,75	5,8	21.6	56
1123034	3 X 0,75	5,8	21.6	56

1123035	4 G 0,75	6,3	28.8	69
1123036	4 X 0,75	6,3	28.8	69
1123037	5 G 0,75	6,9	36	83
1123038	5 X 0,75	6,9	36	83
1123041	7 G 0,75	7,5	50.4	104
1123042	7 X 0,75	7,5	50.4	104
1123046	10 G 0,75	9,8	72	149
1123047	12 G 0,75	10,1	86.4	172
1123048	12 X 0,75	10,1	86.4	172
1123051	18 G 0,75	12	129.6	252
1123054	25 G 0,75	14,1	180	352
1123056	34 G 0,75	16,3	244.8	466
1123066	2 X 1,0	5,8	19.2	55
1123067	3 G 1,0	6,1	28.8	67
1123068	3 X 1,0	6,1	28.8	67
1123069	4 G 1,0	6,6	38.4	83
1123070	4 X 1,0	6,6	38.4	83
1123071	5 G 1,0	7,3	48	100
1123072	5 X 1,0	7,3	48	100
1123074	7 G 1,0	8,1	67.2	130
1123075	7 X 1,0	8,1	67.2	130
1123076	8 G 1,0	9,7	76.8	164
1123078	10 G 1,0	10,4	96	183
1123080	12 G 1,0	10,7	115.2	212
1123081	12 X 1,0	10,7	115.2	212
1123083	16 G 1,0	12,1	153.6	275
1123084	18 G 1,0	12,9	172.8	314
1123090	25 G 1,0	15	240	429
1123094	34 G 1,0	17,5	326.4	570
1123106	2 X 1,5	6,4	28.8	72
1123107	3 G 1,5	6,8	43.2	88
1123108	3 X 1,5	6,8	43.2	88
1123109	4 G 1,5	7,4	57.6	110
1123110	4 X 1,5	7,4	57.6	110
1123111	5 G 1,5	8,3	72	135
1123112	5 X 1,5	8,3	72	135
1123114	7 G 1,5	9	100.8	174
1123115	7 X 1,5	9	100.8	174
1123116	8 G 1,5	10,8	115.2	223
1123118	10 G 1,5	11,8	144	250
1123120	12 G 1,5	12,2	172.8	289

1123124	18 G 1,5	14,6	259.2	433
1123128	25 G 1,5	17,2	360	596
1123130	34 G 1,5	19,8	489.6	786
1123139	2 X 2,5	7,6	48	110
1123140	3 G 2,5	8,3	72	137
1123142	4 G 2,5	9	96	174
1123144	5 G 2,5	10,1	120	217
1123146	7 G 2,5	11,2	168	283
1123149	12 G 2,5	15,1	288	467
1123151	18 G 2,5	18	432	696
1123153	25 G 2,5	21,1	600	969
1123159	3 G 4	9,8	115.2	213
1123160	4 G 4	10,8	153.6	267
1123161	5 G 4	12,1	192	331
1123162	7 G 4	13,4	268.8	432
1123166	3 G 6	11,7	172.8	303
1123167	4 G 6	13	230.4	388
1123168	5 G 6	14,5	288	480
1123169	7 G 6	16	403.2	626
1123172	4 G 10	16,2	384	601
1123173	5 G 10	18,1	480	735
1123177	4 G 16	18,8	614.4	917
1123178	5 G 16	21,2	768	1148
1123181	4 G 25	23,5	960	1418
1123182	5 G 25	26,4	1200	1769
1123185	4 G 35	26,6	1344	1905

Footnote:

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: Coil <= 30 kg and <= 250 m, otherwise drum

Please specify the desired packaging size (e.g. 1 x 500 m drum or 5 x 100 m coils)

Photographs are not to scale and do not represent detailed images of the respective products.