

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



Product Information

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.