

VDE certified characteristics

### Product Description



### Application range

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

### Design

- Fine strands of bare copper wires
- Core insulation: Halogen-free
- Special halogen-free outer sheath black (RAL 9005)

### 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)
- 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
- UV resistant



Technical Data

**Core identification code**

Up to 5 cores: according to VDE 0293-308 (appendix T9)

Starting at 6 cores: Black with white numbers

**Based on**

HD 21.14 S1 VDE 0281 Part 14

**Specific insulation resistance**

> 20 GOhm x cm

**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: 600/1000 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 <sup>2</sup> per conductor	Outer diameter in mm	Copper index kg/km	Weight kg/km
ÖLFLEX® CLASSIC 130 H 0,6/1kV - coloured cores				
1123410	2 X 1,0	8,6	19.2	107
1123411	3 G 1,0	9.0	28.8	123
1123412	4 G 1,0	9,6	38.4	144
1123413	5 G 1,0	10,4	48.0	167
ÖLFLEX® CLASSIC 130 H 0,6/1kV - numbered cores				
1123414	7 G 1,0	11,1	67.2	206
1123415	12 G 1,0	14.0	115.2	314
1123416	18 G 1,0	16,1	172.8	428
1123417	25 G 1,0	18,6	240.0	569
ÖLFLEX® CLASSIC 130 H 0,6/1kV - coloured cores				
1123418	2 X 1,5	9,6	28.8	137
1123419	3 G 1,5	10,1	43.2	161
1123420	4 G 1,5	10,8	57.6	190
1123421	5 G 1,5	11,7	72.0	221
ÖLFLEX® CLASSIC 130 H 0,6/1kV - numbered cores				
1123422	7 G 1,5	12,6	100.8	276



1123423	12 G 1,5	16,1	172.8	427
1123424	18 G 1,5	18,8	259.2	596
1123425	25 G 1,5	21,7	360.0	799
ÖLFLEX® CLASSIC 130 H 0,6/1kV - coloured cores				
1123426	2 X 2,5	10,8	48.0	184
1123427	3 G 2,5	11,3	72.0	219
1123428	4 G 2,5	12,2	96.0	262
1123429	5 G 2,5	13,3	120.0	307
ÖLFLEX® CLASSIC 130 H 0,6/1kV - numbered cores				
1123430	7 G 2,5	14,4	168.0	390
1123431	12 G 2,5	18,7	288.0	624
1123432	18 G 2,5	22,0	432.0	879
1123433	25 G 2,5	25,8	600.0	1212
ÖLFLEX® CLASSIC 130 H 0,6/1kV - coloured cores				
1123434	3 G 4	12,6	115.2	290
1123435	4 G 4	13,7	153.6	351
1123436	5 G 4	14,9	192.0	416
1123437	3 G 6	13,9	172.8	377
1123438	4 G 6	15,1	230.4	463
1123439	5 G 6	16,8	288.0	559
1123440	4 G 10	18,7	384.0	757
1123441	5 G 10	20,7	480.0	915
1123442	4 G 16	21,3	614.4	1070
1123443	5 G 16	23,6	768.0	1296
1123444	4 G 25	26,2	960.0	1631

**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](http://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.