

Cable for submersible pumps

Product Description

Temporary use in water;Down to 10 metres normative immersion depth;High stresses



Application range

- For connecting electrical equipment in industrial water, e.g. floaters switches
- Flexible applications in indoor and outdoor swimming pools
- Suitable for use with submersible pumps
- Dry and damp interiors, as well as outdoors and in industrial water

Benefits

- Temporary use in water
- Down to 10 metres normative immersion depth
- High stresses

Design

- Strands of bare copper wires
- Core insulation: Rubber Type EI 4
- Outer sheath: Rubber compound type EM 2

Product features

- Flame retardant according to IEC 60332-1-2
- Oil resistant according to EN 60811-2-1



Technical Data

Core identification code

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

Starting at 6 cores: Black with white numbers

Approvals

VDE 0282 Part 16

Conductor stranding

Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5

Minimum bending radius

Flexible use: 6 x outer diameter

Rated voltage

U0/U: 450/750 V Fixed, protected installation: U0/U: 600/1000 V

Test voltage

2500 V

Protective conductor

G = with protective conductor GN/YE

X = without protective conductor

Current rating

VDE 0298 Part 4

HD 516

Range of temperature

Flexible (conductor temp.): -25°C/+60°C Static (conductor temp.): -40°C/+60°C Max. water temp.: +40°C

Article List

Part number	Number of cores and mm ² per conductor	Outer diameter in mm	Copper index kg/km	Weight kg/km
1600600	1 X 4	7,2 - 9	38.0	100
1600601	1 X 6	7,9 - 9,8	58.0	120
1600602	1 X 10	9,5 - 11,9	96.0	200
1600604	1 X 25	12,7 - 15,8	240.0	400
1600606	3 G 1,5	9,2 - 11,9	43.0	170
1600609	4 G 1,5	10,2 - 13,1	58.0	205
1600620	7 G 1,5	14 - 17,5	101.0	385
1600607	3 G 2,5	10,9 - 14	72.0	210
1600610	4 G 2,5	12,1 - 15,5	96.0	260
1600621	7 G 2,5	16,5 - 20	168.0	520
1600611	4 G 4	14 - 17,9	154.0	356
1600612	4 G 6	15,7 - 20	230.0	475
1600613	4 G 10	20,9 - 26,5	384.0	837
1600614	4 G 16	23,8 - 30,1	614.0	1220
1600615	4 G 25	28,9 - 36,6	960.0	1770
1600616	4 G 35	32,5 - 41,1	1344.0	2304



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 \leq 30 kg and \leq 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.