

HELUPOWER® AQUATIC-750-BLUE

Drinking water cable



HELUKABEL® HELUPOWER® AQUATIC-750-BLUE CE

Technical data

- Special cable in reference to DIN VDE 0250 / DIN VDE 0285-525-1 / DIN EN 50525-1
- **Temperature range**
flexing -25°C to +50°C
fixed installation -40°C to +80°C
- Permissible **operating temperature** at conductor +90°C
- **Nominal voltage**
U₀/U 450/750 V
- **Test voltage**
2,5 kV
- **Minimum bending radius**
fixed installation 5x outer Ø

Cable structure

- Bare copper conductor, fine wire acc. to DIN VDE 0295 cl.5 / IEC 60228 cl.5
- Core insulation of PVC
- Core identification acc. to DIN VDE 0293-308
1 core: black
≤ 5 cores: coloured
- GN-YE conductor, 3 cores and above
- Cores stranded with optimal lay length
- Outer sheath of cross-linked special compound
- Sheath colour: blue (RAL 5015)

Properties

- Specially developed and tested for the absence of microbial growth and the emission of toxic substances.
- Resistant to chlorine up to 0,6 mg/l
- Resistant to salt water up to 3,5 %

Approval:

- DVGW Standard W 270

Note

- G = with GN-YE conductor
x = without GN-YE conductor
- The conductor is metrically constructed (mm²). The AWG designation is approximate and purely informative.

Application

Useful for average mechanical stresses in continuously submerging pump lines for drinking and utility water, with a maximum immersion depth of 600 m. Useful as a connection cable in processing plants in the food and beverage industry, as well as fishponds and aquariums.

CE = Product conforms with Low-Voltage Directive 2014/35/EU.

Part no.	No. cores x cross-sec. mm ²	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
11018127	1 x 1	4,1	9,6	22,0	18
11018128	1 x 1,5	4,3	14,4	27,0	16
11018129	1 x 2,5	5,4	24,0	44,0	14
11018130	1 x 4	5,8	38,0	59,0	12
11018131	1 x 6	6,8	58,0	83,0	10
11018132	1 x 10	7,8	96,0	127,0	8
11018133	1 x 16	8,7	154,0	185,0	6
11018134	1 x 25	10,3	240,0	277,0	4
11018135	2 x 1	6,8	19,0	55,0	18
11018136	2 x 1,5	7,3	29,0	68,0	16
11018137	2 x 2,5	8,7	48,0	103,0	14
11018138	2 x 4	10,1	77,0	148,0	12
11018139	2 x 6	11,4	115,0	203,0	10
11018140	2 x 10	14,0	192,0	317,0	8
11018141	2 x 16	15,7	307,0	451,0	6
11018142	2 x 25	19,0	480,0	681,0	4
11018143	3 G 1	7,2	29,0	68,0	18
11018144	3 G 1,5	7,7	43,0	84,0	16

Part no.	No. cores x cross-sec. mm ²	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
11018145	3 G 2,5	9,2	72,0	129,0	14
11018146	3 G 4	10,8	115,0	191,0	12
11018147	3 G 6	12,2	173,0	265,0	10
11018148	3 G 10	15,0	288,0	417,0	8
11018149	3 G 16	16,8	461,0	603,0	6
11018150	3 G 25	20,4	720,0	915,0	4
11018151	4 G 1	7,8	38,0	83,0	18
11018152	4 G 1,5	8,4	58,0	104,0	16
11018153	4 G 2,5	10,1	96,0	161,0	14
11018154	4 G 4	11,9	154,0	241,0	12
11018155	4 G 6	13,4	230,0	335,0	10
11018156	4 G 10	16,6	384,0	530,0	8
11018157	4 G 16	18,6	614,0	771,0	6
11018158	4 G 25	22,8	960,0	1179,0	4
11020233	4 G 35	28,3	1344,0	1710,0	2
11020231	5 G 1	8,5	48,0	102,0	18
11020234	5 G 1,5	10,2	72,0	140,0	16
11020232	5 G 2,5	11,2	120,0	200,0	14

Dimensions and specifications may be changed without prior notice. (R101)