

CLEAN CABLE

round cables for submersible pump



TECHNICAL DATA

Round cables for submersible pump acc. to IEC 60502-1

Temperature range	flexing -25°C to +50°C fixed installation -40°C to +80°C
Permissible operating temperature in drinking water:	+40°C*
Permissible operating temperature at conductor	+90°C
Nominal voltage	0,6/1 kV
Test voltage	4000 V
Minimum bending radius	5x outer Ø

* Maximum short term working temperature at conductor in drinking water: +50°C

CABLE STRUCTURE

- Bare copper conductor, fine wire acc. to DIN VDE 0295 / IEC 60228 cl. 5
- Core insulation: XLPE
- Core identification acc. to HD 308 S2
- Outer sheath: cross-linked, halogen free special compound
- Sheath colour: blue (RAL 5015)

TESTS

- Halogen free acc. to VDE 0482-267-2-3/EN 50267-2-3, VDE 0482-754-2/EN 60754-2
- Resistant to ozone acc. to DIN VDE 0473-811-403/EN 60811-403
- The cable has a Hygienic Certificate of the National Institute of Public Health - National Institute of Hygiene (NIZP-PZH), which allows the cable to be used in sources and systems of water intended for human consumption.

NOTE

- G = with yellow-green conductor
- Cable sizes other than the table, screened and flat cables are available on request with a minimum order quantity.

APPLICATION

CLEAN CABLE are round cables designed to power submersible pump motor. These cables can be installed to a depth of 600 m. Use in drinking water is certified by: Polish PZH, German KTW, French ACS, British WRAS and Italian D.M.174. It can also be used in chlorinated and ozonated swimming pool water at room temperature.

Part no.	No. Cores x cross-sec. mm²	Outer Ø approx. mm	Cu-weight kg / km	Weight approx. kg/km
371029	1x4	7,0	39	69
371039	1x6	7,7	58	93
371049	1x10	9,0	96	138
371059	1x16	10,2	154	198
371069	1x25	12,3	240	304
371079	1x35	14,0	336	417
371089	1x50	15,8	480	570
371099	1x70	18,2	672	751
371109	1x95	20,7	912	991
371119	1x120	23,0	1152	1234
371239	3G1,5	9,5	44	106
371249	3G2,5	10,9	72	149
371259	3G4	12,4	115	214
371269	3G6	13,9	173	292
371279	3G10	17,1	288	459
371289	3G16	20,0	461	689

Part no.	No. Cores x cross-sec. mm²	Outer Ø approx. mm	Cu-weight kg / km	Weight approx. kg/km
371299	3G25	24,3	720	1060
371309	3G35	27,7	1008	1385
371319	3G50	31,7	1440	2012
371359	4G1,5	10,4	58	130
371369	4G2,5	12,0	96	186
371379	4G4	13,7	154	272
371389	4G6	15,5	231	377
371399	4G10	18,9	384	588
371409	4G16	21,9	615	880
371419	4G25	26,8	960	1365
371429	4G35	30,6	1344	1784
371439	4G50	35,2	1920	2610
371449	4G70	40,3	2688	3593
371459	4G95	47,4	3648	4774
00955	7G1,5	12,5	100,8	208