

Drincable Portable Water Pump Cable

Applications:

Pumps, Swimming pools, aquariums, fountains

The "DRINCABLE" cables are especially designed for permanent immersion in drinking water. In particular they are:

- Non Toxic
- Waterproof

Cable suitable for drinking water

Conductor:

Plain annealed flexible copper conductor (IEC228/BSEN60228/HD383)

Insulation:

Cross-linked EPDM compound

Core identification:

1 core: Black, 4 core: brown, grey, black & green/yellow

Also available with black numbered cores

Operating temperature:

Maximum 80°C, Minimum bending -40°C

Sheath/Jacket:

Cross-linked EPDM compound

Sheath approved by Water Regulations Advisory Scheme to BS6920

Colour:

Light blue

Voltage:

450/750V

Maximum water depth:

300 Metres

AC test voltage:

2500V

Installation volume resistivity:

10 zcm at 20°C

Max temperature on conductor:

90°C

Max temperature on sheath:

80°C

Max laying temperature

50°C

Min laying temperature:

40°C

Max temperature in drinking water:

40°C

Min bending radius:

Fixed installation: 3 x diameter Mobile installation: 5 x diameter

Standards:

WRAS approved 1311540, HD22.12.S1

BS6920-2.4:2000 Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of water. Methods of test. Growth of aquatic micro-organisms test.

Tested water parameters:

- Taste and appearance (transparency, colour, limpidity)
- Absence of metals and toxic substances
- No modifications of aquatic bacteria and micro-organisms growth



| Number of cores | Size sq.mm | Min diameter mm | Max diameter mm | Weight kg/km |
|-----------------|------------|-----------------|-----------------|--------------|
| 1 | 25 | 12.7 | 14.2 | 362 |
| 1 | 35 | 14.3 | 16.1 | 497 |
| 1 | 50 | 16.5 | 18.5 | 669 |
| 1 | 70 | 18.6 | 21.0 | 901 |
| 1 | 95 | 20.8 | 23.4 | 1141 |
| 1 | 120 | 22.8 | 25.7 | 1435 |
| 4 | 1.5 | 10.2 | 11.8 | 176 |
| 4 | 2.5 | 12.1 | 14.0 | 258 |
| 4 | 4 | 14.0 | 16.1 | 360 |
| 4 | 6 | 15.7 | 18.0 | 475 |
| 4 | 10 | 20.9 | 23.9 | 836 |
| 4 | 16 | 23.8 | 27.1 | 1145 |
| 4 | 25 | 28.9 | 32.9 | 1716 |
| 4 | 35 | 32.5 | 37.0 | 2314 |
| 4 | 50 | 37.7 | 42.8 | 3126 |
| 4 | 70 | 42.7 | 48.6 | 4202 |
| 4 | 90 | 48.4 | 54.9 | 5390 |
| 4 | 120 | 53.0 | 59.4 | 6674 |