



# X-DRINK 0,6/1 kV

Cables for submersed pumps and drinking water

## DESIGN

### 1. Conductor

Electrolytic copper, class 5 (flexible), based on EN 60228 and IEC 60228.

### 2. Insulation

Cross-linked polyethylene (XLPE).

The standard identification of insulated conductors is the following:

|     |                                     |
|-----|-------------------------------------|
| 3 x | Brown+ Black+ Grey                  |
| 4 G | Brown + Black + Grey + Green/yellow |

### 3. Lay-up

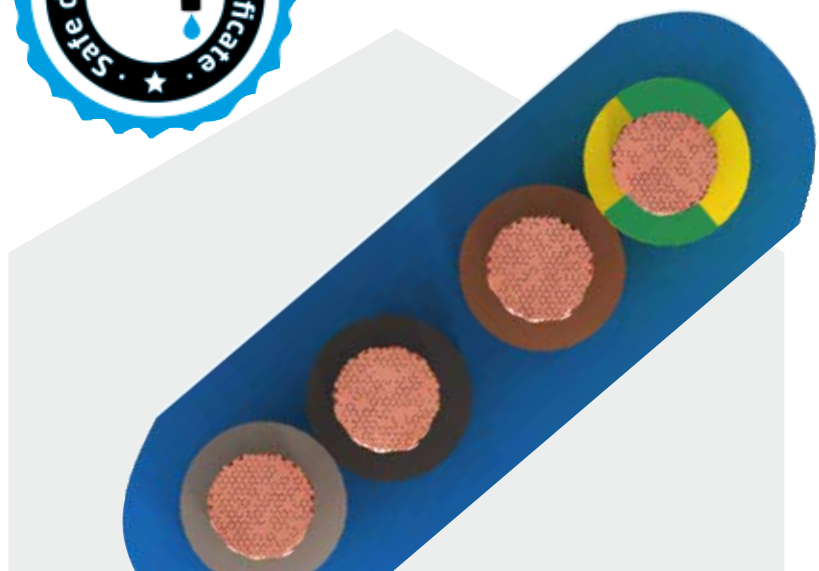
Insulated conductors are placed side by side in parallel arrangement. On request, Xdrink is also available in a round version.

### 4. Outer sheath

Flexible polyolefin, blue colour.

## APPLICATIONS

XDrink 0,6/1 kV is a flexible cable suitable for being permanently submerged, such as: submerged pumps for drinking water, wells and aquariums. It is also suitable for lighting systems, filtering and swimming pool's cleaning. Finally, its use is recommended in electrical installations for the production, processing and preservation of food and beverage systems. Submersible (up to 600 meters deep) .

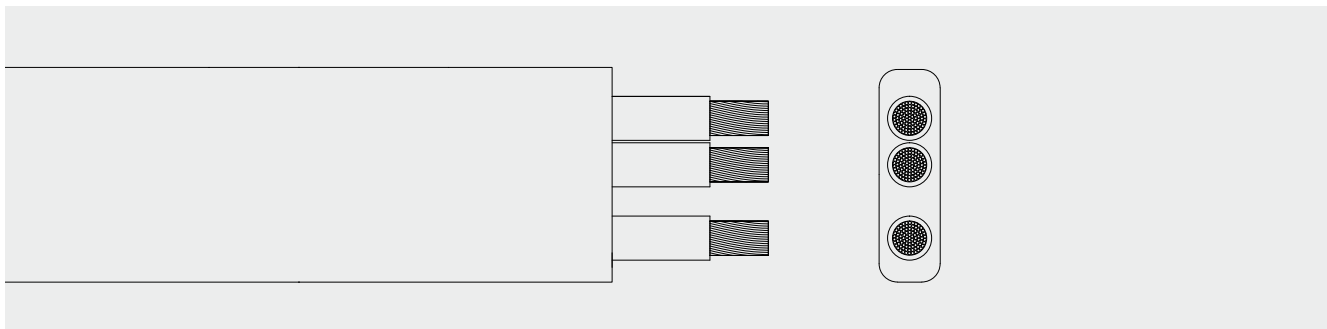


1 ———  
2 ———  
3 ———

4 ———

TOP CABLE XDRINK 4G6 0,6/1 kV

This cable render is an example from this product range and does not necessarily match the selected core size or number of cores.



## CHARACTERISTICS



### Electrical performance

LOW VOLTAGE 0,6/1kV



### Approvals

CE  
RoHS



### Thermal performance

Maximum service temperature: 90°C.  
Maximum short-circuit temperature: 250°C (max. 5 s).  
Minimum service temperature: -40°C (fixed and protected installations).



### Fire performance

LSZH (Low Smoke Zero Halogen) based on UNE-EN 60754-1 and IEC 60754-1.  
Low corrosive gases emission based on UNE-EN 60754-2 and IEC 60754-2.



### Mechanical performance

Minimum bending radius: x5 cable diameter.  
Impact resistance: AG2 Medium severity.



### Chemical performance

Chemical & Oil resistance: Excellent.



### Water performance

Water resistance: AD8 submerged..  
For submerged pumps.  
For deep wells.  
For drinking water.  
Submersible up to 600 metres depth.



### Other

Meter by meter marking.



### Installation conditions

Submerged.



### Applications

Industrial use.  
Deep wells.  
Aquarium and fishponds.  
Swimming pools.

