

*Electrical accessories for fountains*

# UNDERWATER CABLES




- Professional underwater cables
- Designed for the specific use inside water
- AD8 certified for permanent immersion in chlorine water
- H07RN-F submersible versions
- PBS8-F versions for permanent immersion (AD8)
- DMX version for permanent immersion (AD8)
- DMX&POWER version for permanent immersion (AD8)

The underwater cables represent a fundamental means for the transmission of control signals and power to all the electric/electronic fountain devices, such also the Mizar Led underwater fountain lights and the 24 Vdc submersible fountain pumps.

CASCADE offers professional, reliable and durable underwater cables to adequately face the difficulties due to the presence of water, such as infiltration, deterioration caused by chemicals and UV exposure, mechanical wear, etc.

CASCADE offers a wide range of underwater cables, from the most common H07RNF submersible cables, to cables suitable and certified for permanent immersion, also in chlorine water, according to the NF C 15-100 AD8 regulation.

In the DMX and DMX&POWER versions, these cables have been studied and designed to guarantee a reliable DMX signal transmission, thanks to the controlled impedance bus pair and to the double shield. The external sheath is suitable to permanent immersion, also in chlorine water up to 5 ppm, and to solar light exposure thanks to the compound protected against UV radiation wear.

The DMX&POWER version allows for the transmission of both DMX control signal and power, exploiting a single cable.

| | DMX CABLE |
|---|---|
| CODE | **CVDMX** |
| CONDUCTORS | 2 x 0.25 $mm^2$ |
| CHARACTERISTIC IMPEDANCE | 120 Ω |
| SHIELD | Double |
| Ø | 5.5 mm |
| EXTERNAL SHEATH MATERIAL | PVC |
| APPLICATION | AD8 certified for permanent immersion in chlorine water up to 2 ppm |

| | DMX&POWER CABLES |
|---|---|
| CODE | **CVDMXPWR** |
| CONDUCTORS | 2 x 1.5 $mm^2$ + 3 x 0.25 $mm^2$ |
| CHARACTERISTIC IMPEDANCE | 120 Ω |
| SHIELD | Double |
| Ø | 10.4 mm |
| EXTERNAL SHEATH MATERIAL | Polyurethane |
| APPLICATION | AD8 certified for permanent immersion in chlorine water up to 5 ppm |

| | PBS8-F | | | |
|---|---|---|---|---|
| CODE | **CV2034** | **CV6034** | **CV01** | **CV1050** |
| CONDUCTORS | 2 x 0.34 $mm^2$ | 6 x 0.34 $mm^2$ | 2 x 1 $mm^2$ | 2 x 1 $mm^2$ + 5 x 0.5 $mm^2$ |
| SHIELD | - | - | - | - |
| Ø | 6 mm | 6 mm | 8 mm | 11 mm |
| EXTERNAL SHEATH MATERIAL | Special compound | | | |
| APPLICATION | AD8 certified for permanent immersion in chlorine water up to 5 ppm | | | |

| | CAVI H07RN-F | | | | |
|---|---|---|---|---|---|
| CODE | **CV2075** | **CV15** | **CV25** | **CV40** | **CV60** |
| CONDUCTORS | 2 x 0.75 $mm^2$ | 2 x 1.5 $mm^2$ | 2 x 2.5 $mm^2$ | 2 x 4 $mm^2$ | 2 x 6 $mm^2$ |
| SHIELD | - | - | - | - | - |
| EXTERNAL SHEATH | Special cross-linked elastomer | | | | |
| APPLICATION | Submersible | | | | |