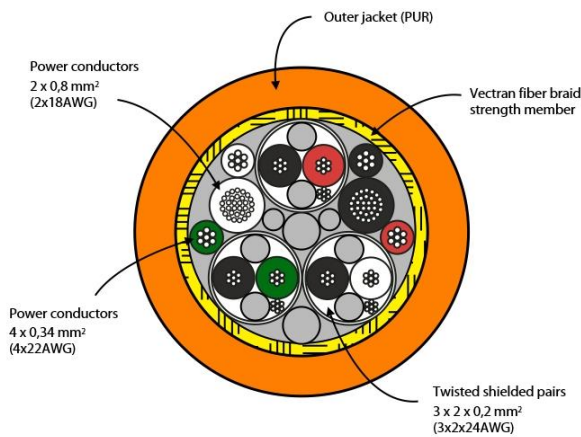


Novasub Video/Data cable CDUR-01 1500 kg

Novasub developed and manufactured a multipurpose reinforced underwater video/data cable. The CDUR-01 is a standard cable with $2 \times 0,8 \text{ mm}^2$ (2X18 AWG) + $4 \times 0,34 \text{ mm}^2$ (4X22 AWG) + $3 \times 2 \times 0,2 \text{ mm}^2$ (3X2X24 AWG) cores. The CDUR-01 is specially build for underwater use and is mechanical reinforced with a Vectran fiber braid and a PUR coated sheath. **Length available up to 1000 m.**



Features

- **Low cost**
- **Vectran fiber braid reinforced**
- **Extreme tough PUR sheath**
- **Flexible**
- **Very small bend radius**

Applications

- **Diver umbilical (video, light and comm.)**
- **CCTV systems with lights and data line**
- **UW sensors power / control**
- **Sonar power / control**
- **Tow cable for any sensor**

Specifications

$2 \times 0,8 \text{ mm}^2$ (2x18 AWG) power conductors

- Bare copper conductor $31 \times 0,20 \text{ mm}$
- HDPE insulation, nominal thickness $0,38 \text{ mm}$
- Nominal diameter $2,05 \text{ mm}$
- Colours black and white

$4 \times 0,34 \text{ mm}^2$ (4x22 AWG) power conductors

- Tinned copper conductor $7 \times 0,25 \text{ mm}$
- HDPE insulation, nominal thickness $0,25 \text{ mm}$
- Nominal diameter $1,25 \text{ mm}$
- Colours: white, black, red and green

$3 \times 2 \times 0,2 \text{ mm}^2$ (3x2x24 AWG) twisted shielded pairs

- Tinned copper conductor $7 \times 0,20 \text{ mm}$
- PE insulation
- Nominal thickness $0,50 \text{ mm}$
- Nominal diameter $1,60 \text{ mm}$
- Core twisted in colors black/white, black/red, bl/green
- Individual screen of polyester tape
- Tinned copper drain wire $7 \times 0,20 \text{ mm}^2$, AL/polyester tape, polyester tape
- Elements laid up together with PP filling yarn
- Protective polyester tape
- Vectran fiber braid strength member

Outer Jacket (Hydrolysis resistant PUR outer sheath)

- Nominal thickness $1,50 \text{ mm}$ (color orange)
- Nominal diameter $12,2 \text{ mm}$

Marking: "www.novasub.com - CDUR-01 - (meter) m"

Electrical & Physical characteristics

Electrical resistance conductors 24 AWG < $88,67 \text{ ohm/km}$ @ 20°C

Electrical resistance conductors 22 AWG < $56,75 \text{ ohm/km}$ @ 20°C

Electrical resistance conductors 18 AWG < $19,50 \text{ ohm/km}$ @ 20°C

Working voltage	: 250 V
Weight in air nom.	: 155 kg/km
Weight in fresh water nom.	: 38 kg/km
Weight in sea water nom.	: 35 kg/km
Breaking strength	: 1500 Kg
Working load max.	: 375 Kg
Static bending radius min.	: 61 mm
Dynamic bending radius min.	: 122 mm
Operating temp	: $-40^\circ\text{C} - +90^\circ\text{C}$



Related Products:

- NSCR Cable reels
- DUR01 umbilical

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