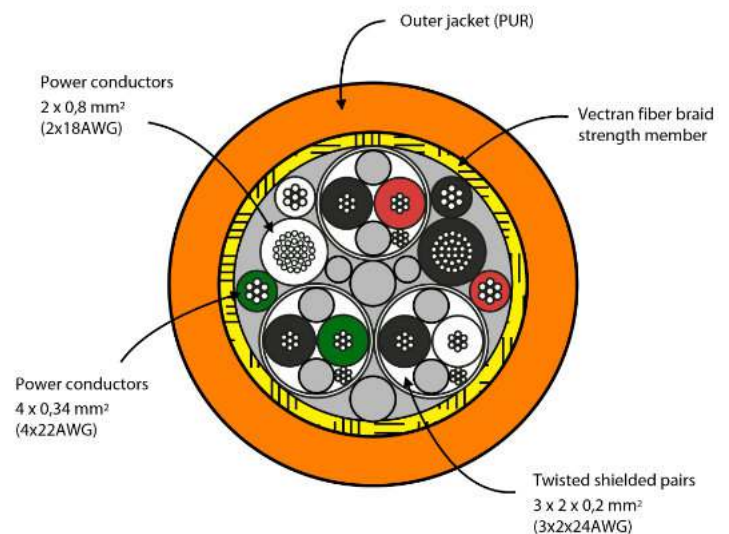


## CDUR01 Umbilical Cable

The CDUR01 is a multipurpose reinforced underwater video/data cable. The CDUR-01 has 2x0,8 mm<sup>2</sup> (2X18 AWG) + 4x0,34 mm<sup>2</sup> (4X22 AWG) + 3x2x0,2 mm<sup>2</sup> (3X2X24 AWG) cores. The cable is widely used as a cable twisted on a umbilical and the cable is mechanically reinforced with a Vectran fiber braid and a PUR coated sheet. This gives the CDUR01 a breaking strength of 1500 kg.

The CDUR01 can be ordered with a custom termination. Lengths are available up to 1000m.

| Product code                              | CDUR-01  |
|---|--|
| Description                               | Umbilical Cable  |
| Composition                               | <ul style="list-style-type: none"> <li>• 2x0,8 mm<sup>2</sup> (2X18 AWG)<br/><i>Power conductors</i></li> <li>• 4x0,34 mm<sup>2</sup> (4X22 AWG)<br/><i>Power conductors</i></li> <li>• 3x2x0,2 mm<sup>2</sup> (3x2x24 AWG)<br/><i>Twisted shielded pairs</i></li> </ul> |
| Strength member                           | Vectran fiber braid  |
| Outer jacket                              | Orange polyurethane (1,5 mm)   |
| Outside diameter                          | Ø 12,2 mm  |
| Elektrical resistance:                    |  |
| Conductors 26 AWG                         | -  |
| Conductors 24 AWG                         | < 88,67 ohm/km @ 20°C  |
| Conductors 22 AWG                         | < 56,75 ohm/km @ 20°C  |
| Conductors 18 AWG                         | < 19,50 ohm/km @ 20°C  |
| Conductors 17 AWG                         | -  |
| Conductors 0,75 mm <sup>2</sup>           | -  |
| Conductors 0,50 mm <sup>2</sup>           | -  |
| CAT characteristic impedance (1 : 100MHz) | -  |
| CAT6 mutual capacitance                   | -  |
| Coax nominal impencende                   | -  |
| Working voltage                           | 250 V  |
| Weight in air                             | 155 kg/km  |
| Weight in fresh water                     | 38 kg/km   |
| Weight in sea water                       | 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 temperature                     | -40°C - +90 °C   |
| Length up to                              | 1000 m   |
| Marking                                   | www.novasub.com - CDUR-01<br>- (meter) m"  |



### Features:

- High grade
- PUR sheath
- Vectran fibre reinforced

### Applications:

- Commercial Diving
- CCTV Systems
- Tow cables



website link : <https://www.novasub.com/product/cdur-01-umbilical-cable-12-cores/>  
 product video : <https://www.youtube.com/channel/UCRqqqmJy8O7XEabp7S1rpQ>

**NOVASUB** Available products that can be used in combination with cables:

**THETIS**



**DIVER RADIO**

**THALLASA**



**VIDEO RECORDER**

**TRITON**



**DIVER COMMUNICATION &  
VIDEO RECORDER**

**DUx**



**UMBILICALS**

**ARGOS**



**CAMERAS**

**HELIOS**



**LIGHTS**

**HERMES**



**COMMS**

**UDS**



**DEPTH SENSOR**

**ACCESSORIES** Compatible with cables :

**NSCR450**



**CABLE REEL**

**UWSR**



**SLIPRING**

**FLEETER**



**CABLE FLEETER**

**MOLD**



**POTTING CAST**