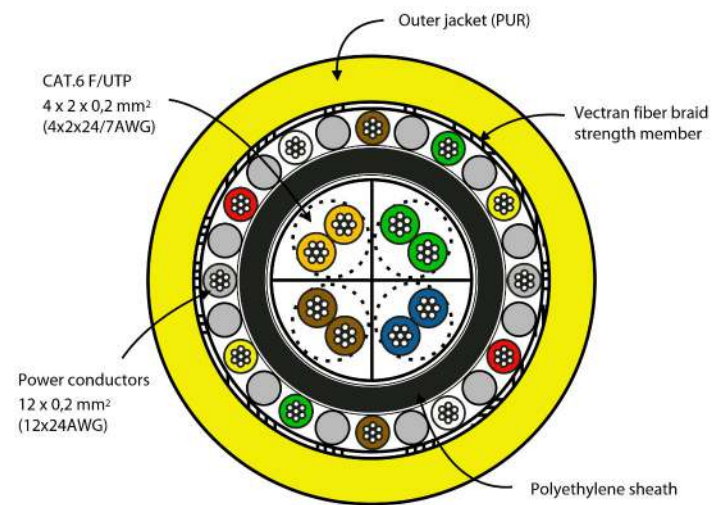


## DLR-CAT6-12C24 CAT6 Ethernet Cable with Power cores

The DLR-CAT6-12C24 is reinforced underwater ethernet cable. The cable has 4 twisted pairs for data transmission and 12 cores to power equipment. The cable is mechanically reinforced with a Vectran fiber braid and a PUR coated sheet. This gives it a breaking strength of 500 kg.

The cable can be ordered with a custom termination. Lengths are available up to 500m.

| Product code                              | DLR-CAT6-12C24  |
|---|---|
| Description                               | CAT6 Ethernet Cable   |
| Composition                               | <ul style="list-style-type: none"> <li>• 4x2x0,2 mm<sup>2</sup> (4X2X24/7 AWG) CAT.6 F/UTP</li> <li>• 12x0,2 mm<sup>2</sup> (12X24 AWG) Power conductors</li> </ul> |
| Strength member                           | Vectran fiber braid   |
| Outer jacket                              | Yellow polyurethane (1,4 mm)  |
| Outside diameter                          | Ø 12,6  |
| Electrical resistance:                    |   |
| Conductors 26 AWG                         | -   |
| Conductors 24 AWG                         | < 88,67 Ohm/km @ 20°C   |
| Conductors 22 AWG                         | -   |
| Conductors 18 AWG                         | -   |
| Conductors 17 AWG                         | -   |
| Conductors 0,75 mm <sup>2</sup>           | -   |
| Conductors 0,50 mm <sup>2</sup>           | -   |
| CAT characteristic impedance (1 : 100MHz) | 100+/-15 Ω  |
| CAT6 mutual capacitance                   | 48 pF/m   |
| Coax nominal impendence                   | -   |
| Working voltage                           | 300 V   |
| Weight in air                             | 153 kg/km   |
| Weight in fresh water                     | 28 kg/km  |
| Weight in sea water                       | 25 kg/km  |
| Breaking strength                         | 500 kg  |
| Working load max.                         | 125 kg  |
| Static bending radius min.                | 63 mm   |
| Dynamic bending radius min.               | 126 mm  |
| Operating temperature                     | -40°C - +80 °C  |
| Length up to                              | 500 m   |
| Marking                                   | www.novasub.com - DLR-CAT6-12C24- (meter) m"  |



### Features:

- High grade
- PUR sheath
- Vectran fibre reinforced

### Applications:

- Commercial Diving
- Tow Cable
- CCTV



**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**