

Novasub MiniTV cable VLR-1CO-6C-1Q

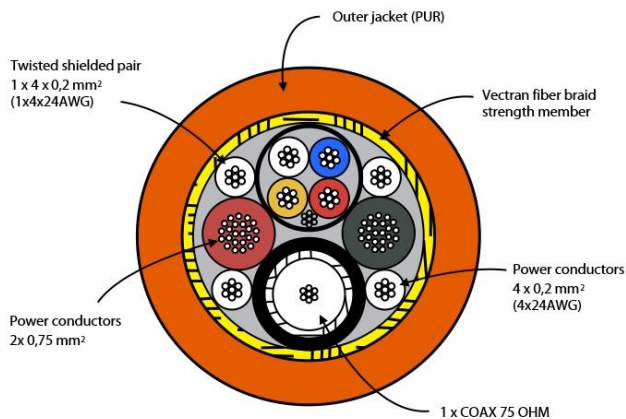
Novasub developed and manufactured a multipurpose reinforced underwater MiniTV cable. Novasub Vectran fiber braid reinforced video cable for use of CCTV system in combination with diver communication and diver light. **Length available up to 1000 m.**

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

1 x COAX 75 OHM

- Tinned copper conductor 7x0,16 mm
- Foamed polyolefine insulation, nominal thickness 0,73 mm
- Nominal diameter 1,95 mm
- Tinned copper braid overall shield, coverage 95%
- HDPE sheath, nominal thickness 0,30 mm, nominal diameter 2,95 mm, color black

2 x 0,75 mm² power conductors

- Tinned copper conductor IEC 60228 class 5
- HDPE insulation, nominal thickness 0,40 mm
- Nominal diameter 1,90 mm, colors red and black

1x4x0,2 mm² (1 x 4 x 24 AWG) twisted shielded pairs

- Tinned copper conductor 7x0,20 mm
- HDPE insulation
- Nominal thickness 0,25 mm
- Nominal diameter 1,10 mm
- Core twisted in quads, colors white, red, blue, yellow
- Screen of aluminium/polyester tape
- Tinned copper drain wire 7x0,20 mm
- Polyester tape

4x0,2 mm² (4 x 24 AWG) power conductors

- Tinned copper conductor 7x0,20 mm
- HDPE insulation, color white numbered 1-4
- Nominal thickness 0,25 mm
- Nominal diameter 1,10 mm

- Elements laid up together
- Protective polyester tape
- Vectran fiber braid strength member

Outer Jacket (Hydrolysis resistant PUR outer sheath)

- Nominal thickness 1,20 mm (color orange)
- Nominal diameter 9,15 mm

Marking: "www.novasub.com VLR-1CO-6C-1Q (meter) m"

Electrical and physical characteristics

Electrical resistance conductor. 24 AWG	< 88,67 ohm/km @ 20°C
Electrical resistance conductor. 0,75 mm ²	< 26,70 ohm/km @ 20°C
Working voltage 24 AWG	: 300 V
Working voltage 0,75 mm ²	: 600 V
Coax nominal impedance	: 75+/- 5 ohm
Weight in air nom.	: 99 kg/km
Weight in fresh water nom.	: 33 kg/km
Weight in sea water nom. (s.g. 1,026)	: 31 kg/km
Breaking strength	: 500 kg
Working load max.	: 125 kg
Recom. static bending radius min.	: 46 mm
Recom. dynamic bending radius min.	: 92 mm
Working temperature	: -40/ + 80 °C



Related Products:

- NSCR Cable reels

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