



Novasub Video/Data cable DLR-1P20-2C50 BS 300 kg

The DLR-1P20-2C50 is an simplified underwater video / data cable. The cable has one (1X2X24 AWG) twisted shielded pair for data transmission and two (2x0,50 mm²) power conductors to power and control equipment. The DLR-1P20-2C50 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

- **Sensor cable**
- **Vectran fiber braid reinforced**
- **PUR sheath**
- **Flexible**

Applications

- **Cameras**
- **Sensors**

Specifications

1x2x0,2 mm² (1X2X24 AWG) twisted shielded pair

- Tinned copper conductor 7x0,20 mm
- HDPE insulation, nominal thickness 0,20 mm
- Nominal diameter 1,00 mm
- Cores twisted in pairs, color white-blue
- Screen of polyester tape, tinned copper drain wire 7x0,20 mm, aluminum/polyester tape

2x0,50 mm² power conductors

- Tinned copper conductor IEC 60228 Class 5
- HDPE insulation, nominal thickness 0,60 mm
- Nominal diameter 2,10 mm
- Colors red and black

- Cores laid up together with swelling water blocking fillers
- Protective polyester tape
- Vectran fiber braid strength member

Outer Jacket (Hydrolysis resistant PUR outer sheath)

- Nominal thickness 1,10 mm (color orange)
- Nominal diameter 7,40 mm

Marking: "www.novasub.com - DLR-1P20-2C50 - (meter) m"

Electrical & Physical characteristics

Electrical resistance conductors 24 AWG	: <88,67ohm/km@20°C
Electrical resistance conductors 0,50 mm ²	: <40,10ohm/km@20°C
Working voltage 24 AWG	: 100 V
Working voltage 0,50 mm ²	: 300/500 V
Weight in air nom.	: 54 kg/km
Weight in fresh water nom.	: 11 kg/km
Weight in sea water nom.	: 10 kg/km
Breaking strength	: 300 Kg
Working load max.	: 75 Kg
Recommended static bending radius min.	: 40 mm
Recommended dynamic bending radius min.	: 80 mm
Working temperature	: -30/+80°C

Related Products:

- Novasub cameras
- Novasub sensors
- NSCR Cable Reels

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