

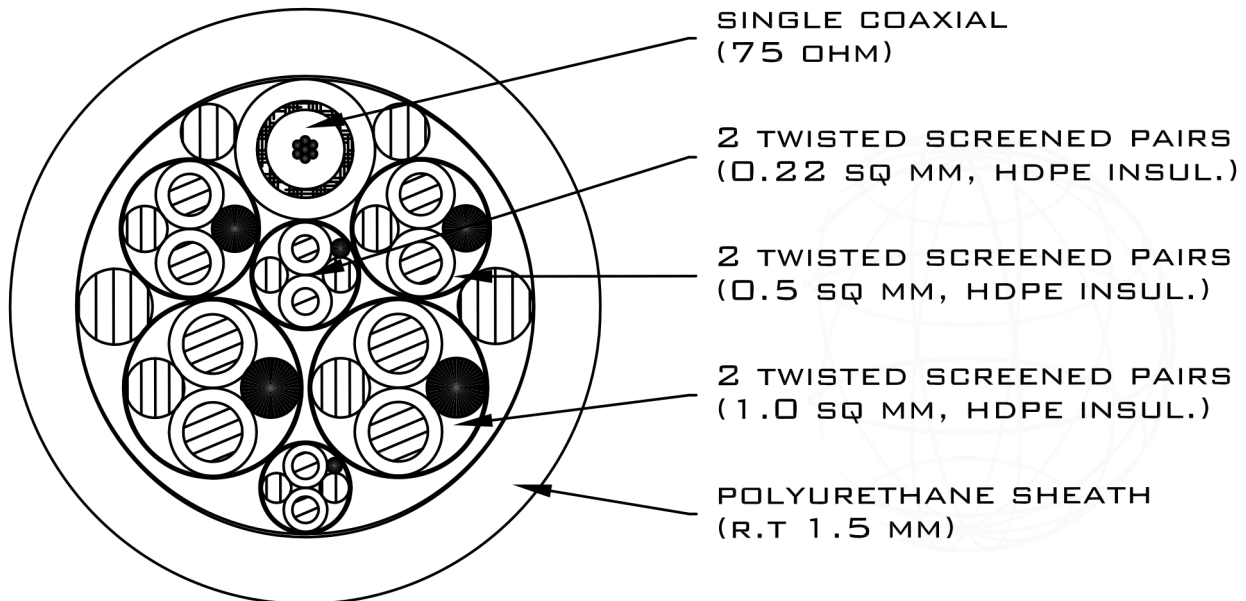
Composite subsea cable for C-Vision and E-Vision systems

The C-Vision cable is a robust, ultra-flexible composite cable designed for use with the C-Tecnics C-Vision and E-Vision range of video systems.

It enables camera power, lighting power, communications, and depth monitoring within a single cable. The compact diameter allows easy integration into existing diving umbilical bundles with minimal impact on overall size and flexibility.

Cable Construction

Description	Qty
75 Ohm single coaxial	1
0.22 mm ² conductor (HDPE insulation)	2
0.5 mm ² conductor (HDPE insulation)	2
1.0 mm ² conductor (HDPE insulation)	2
Polyurethane sheath (R.T. 1.5 mm)	1



Order Code: 10270 (per metre)

Applications: Video systems, Communications, Depth monitoring, Diving umbilicals

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Technical Specification

Model	10270 (per metre)
Insulated Core Diameter (0.22 mm ²)	1.2 mm
Insulated Core Diameter (0.5 mm ²)	1.55 mm
Insulated Core Diameter (1.0 mm ²)	2.0 mm
Overall Diameter	13.5 mm
Laid Up Cable Diameter	10.5 mm
Sheath	Polyurethane (R.T. 1.5 mm)
Weight (Air)	226 kg/km
Weight (Water)	79 kg/km
Minimum Bend Radius (Static)	108 mm
Minimum Bend Radius (Dynamic)	162 mm
Operating Temperature	-40°C to +80°C
Working Voltage	0.22 mm ² : 100 V 0.5 mm ² : 250 V 1.0 mm ² : 250 V
Conductor Resistance	0.22 mm ² : 92.4 Ω/km 0.5 mm ² : 40.1 Ω/km 1.0 mm ² : 20.0 Ω/km
Insulation Resistance (Core to Shield)	500 MΩ/km
Insulation Resistance (Shield to Shield)	10 MΩ/km

Compatible Products:



C-Vision
Order Code: CV2



C-Vision Encrypt
Order Code: CV2/ENC



C-Vision Solo
Order Code: CV1000



C-Vision IP
Order Code:
CVIP/[T]/[NC]/[x]

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