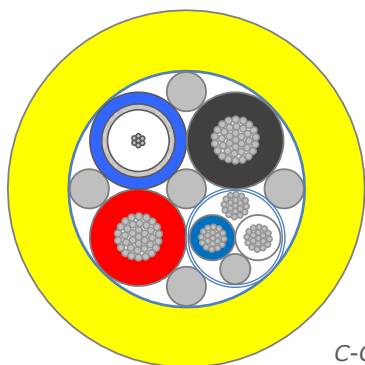
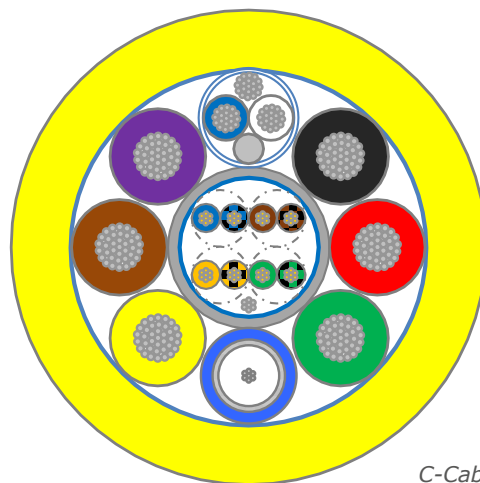


OceanTools **C-Cable** subsea video cable has been designed to work with a wide range of video products including surface control units, cameras, lights and pan & tilt units.



C-Cable-10



C-Cable-20

Overview

C-Cable contains a number of power conductors, screened twisted pair for serial data communications including RS485, a mini co-axial cable for composite video and can also incorporate a Category 5e cable for Ethernet communications.

C-Cable-10

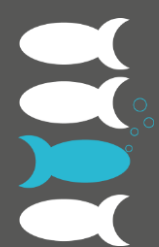
- 2 power conductors
- Screened twisted pair
- Mini 75 Ω co-axial cable

C-Cable-20

- 6 power conductors
- Screened twisted pair
- Mini 75 Ω co-axial cable
- Category 5e cable

The cables are enclosed in a halogen free polyether polyurethane jacket and can be supplied to the required length and terminated with a choice of connectors. Cable spooling is available on request.

C-Cable can be used for power, data and video transmission in a range of underwater applications involving composite video cameras, IP streaming cameras, pan & tilt units, subsea lighting or sensors with RS485 serial or Ethernet interfaces.



Specifications

		C-Cable-10	C-Cable-20
Power Conductors	Conductor count	2	6
	Conductor type	1.5mm ² tinned copper (15AWG)	
	Maximum current	16 A	
	Maximum resistance	14.5 Ω/km @ 20°C	
Screened Twisted Pair	Conductor count	1 pair (STP)	1 pair (STP)
	Conductor type	0.5mm ² tinned copper (20AWG)	
	Maximum current	4 A	
	Maximum resistance	42.5 Ω/km @ 20°C	
Mini Co-axial	Conductor count	1 mini co-axial	1 mini co-axial
	Characteristic impedance	75 Ω	
	Capacitance	55 pF/m	
	Attenuation @ 5MHz	3.6 dB/100m (nominal)	
Category 5e	Conductor count	-	4 pairs (UTP)
	Cable type	-	Belden 1868ENH (26AWG)
	Cabling standard	-	Cat 5e
	Characteristic impedance	-	100 Ω
Construction	Outer diameter	11.8mm ±0.3mm	15.9mm ±0.3mm
	Min dynamic bend radius	140mm	190mm
	Weight in air	155g/m	290g/m
	Weight in water	43g/m	87g/m

Related Products

OceanTools represent and stock the **Glenair** underwater / subsea connector range in the north east of Scotland, providing technical assistance and bespoke moulded cable assemblies.

Product datasheets, GA drawings, case studies and other supporting documents are available to download from data.oceantools.co.uk

All specifications are subject to change without notice. E&OE.

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