

# VDC

## Professional Underwater Video & Data Cable



The VDC-CE is a durable underwater video and LED lamp cable designed for the Commercial Diving Industry. Our cable integrates a data cable that allows usage of our SMART Camera for depth monitoring from the surface, along with Lamp supply and control.

### Specifications

Jacket Material	0.070" Pressure Extruded UltraMarine Polyurethane (Mylar tape over bundle + Double Aluminum tape and Drain wire over bundle)
Waterblock	Elastomeric Compound in interstices (only VDC-CE Revision 2+)
Strength Member	Aramid Fiber (KEVLAR™) Braid with 5kN (1100lbf) Breaking Strength (only VDC-CE Revision 2+)
LED Lamp Wires	One (1) Shielded Twisted Pair with Drain Wire (DW) for Lamp Power (16 AWG Yellow + White)
Camera/Lamp Wires	One (1) 22AWG Stranded 75 Ohm Mini Coaxial Cable for Video Transmission and Camera ground (Shield Coax) One (1) Shielded Twisted Pair with DW for Camera Power (20 AWG Blue) and for Lamp Dimmer (20 AWG Red)
Data Wires	One (1) Shielded Twisted Pair with Drain Wire for Data Transmission (22 AWG Black + Grey) Data Wire Capacitance : 12.5 +/- 2.5 pF/ft ; Data Wire Inductance : 110 +/- 10 Ohms
Size / Color	0.500 +/- 0.012 in / Dark Blue
Length	Sold per foot (from 1 to 3900 ft) or Factory Terminated (from 3 to 1000 ft)

### Configuration (with XXX = length of cable in meter)

Product Code	Diver's End	Surface End
VDC-TERM-3F-IL-XXXm	MCIL3F & RMG-3-FS	AMPHENOL 8-PIN MS In-Line Connector
VDC-TERM-5F-IL-XXXm	MCIL5F & RMG-3-FS	AMPHENOL 8-PIN MS In-Line Connector
VDC-TERMI-8F-IL-XXXm	SCOM8FSS	AMPHENOL 8-PIN MS In-Line Connector
VDC-TERM-3F-RA-XXXm	MCIL3F & RMG-3-FS	AMPHENOL 8-PIN MS Right Angle Connector
VDC-TERM-5F-RA-XXXm	MCIL5F & RMG-3-FS	AMPHENOL 8-PIN MS Right Angle Connector
VDC-TERMI-8F-RA-XXXm	SCOM8FSS	AMPHENOL 8-PIN MS Right Angle Connector

Other connectors and custom lengths available upon request

Lengths: 1m (3'), 3m (10'), 10m (33'), 15m (49'), 20m (66'), 30m (98'), 50m (164'), 60m (196'), 65m (213'), 80m (262'), 85m (279'), 95m (312'), 100m (328'), 103m (338'), 106m (348'), 110m (361'), 115m (377'), 120m (394'), 125m (410'), 140m (459'), 150m (492'), 175m (574'), 183m (600'), 200m (656'), 210m (689'), 300m (984'), 330m (1082')



[www.axsub.com](http://www.axsub.com)

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