

Integrated communications and recovery rope for diving applications

The C-Tecnics braided 4-core communications rope is a super-flexible, low-diameter solution designed for commercial divers using full-face masks such as AGA Divator systems.

The rope construction ensures that mechanical strain is carried by the rope itself rather than the internal communication wires, reducing the risk of conductor damage. In addition to communications, the rope can be used for surface signalling via pull signals and provides added safety as a recovery line.

The rope can be terminated with a range of electrical connectors and is typically supplied with a 4-pin 'Marsh Marine' style connector.



Order Code: CM-002 (per metre)

Technical Specification

Model	CM-002
Inner Core	4 conductors configured as $2 \times 0.5 \text{ mm}^2$
Conductor Resistance	41 Ω/km max at 20°C
Inner Cover	Monofilament polyethylene
Outer Cover	Multifilament polypropylene, yellow braid with black fleck
Diameter	10 mm
Operating Temperature	-10°C to +60°C
Weight	123.2 kg/km
Minimum Breaking Load:	11.38 kN (1.16 tonnes-force)

Compatible Products:



C-Phone



AGAComms

Handling & Use

The braided construction provides abrasion protection for the conductors. The rope is not intended to be load-bearing except in emergency situations.

Applications: Commercial diving, Search and rescue, Aquaculture, Diver training

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