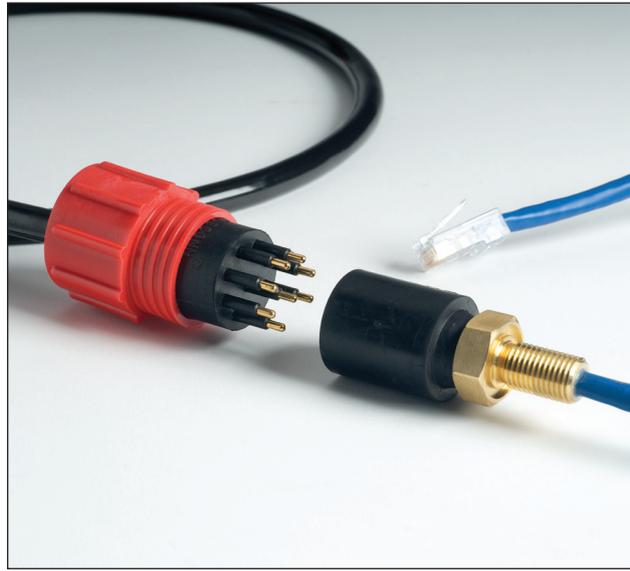


# SubConn® Underwater Ethernet Cable



## Description

The SubConn® Underwater Ethernet Cable is the first high speed underwater communications system with true Ethernet type performance. The new, unique cable is based on industry standard SubConn® connector systems, already tried and trusted in the underwater technology industry, and offers a true system approach.

## Unique, reliable performance at full ocean depth

SubConn®'s new cable can emulate Cat5e performance and can operate in full ocean depth applications. The connector series, with proven pin and socket design, has been reconfigured to maximise data flow. The mating bulkhead connectors have Cat6 cable for leads with a specially designed interface that eliminates cross talk and noise.

## Versions available

- 8 pin version with 4 Ethernet TPs
- 13 pin version with 4 Ethernet TPs, 4 power (18 AWG) and 1 screen (planned)

## Features and benefits

- High speed data communications (1 Gbps up to 100 metres)
- Full ocean depth rated and tested system
- Cat5e type conductors for the inline cable
- Cat6 cable for bulkhead leads

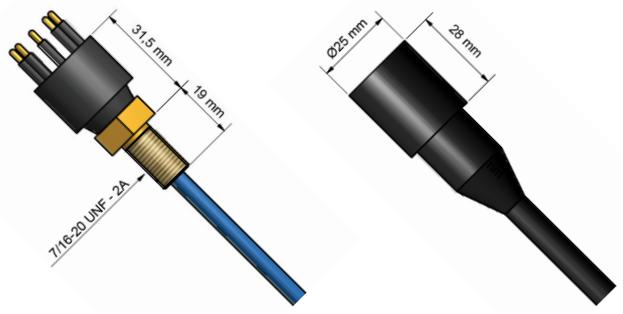
## Options

- Available for data communication or data communications with power
- Bulkheads available in brass, titanium, anodized aluminum and stainless steel
- 1, 2 and 5 metre cable assemblies held in stock
- Customer specified cable and pigtail lengths can be made
- Non-standard bulkhead threads and lengths
- Locking sleeves and dummy connectors

## Performance specifications

|                      | 2 m    | 10 m   | 25 m   | 100 m  |
|----------------------|--------|--------|--------|--------|
| <b>Air</b>           | 1 Gbps | 1 Gbps | 1 Gbps | 1 Gbps |
| <b>Water 600 bar</b> | 1 Gbps | 1 Gbps | 1 Gbps | 1 Gbps |

The test is performed using an EXFO FTB-400 Ethernet protocol analyzer. This test is based on the IEEE802.3 standard and performed according to the RFC-2544 test specification.



Standard DLSA locking sleeves applicable

Specifications subject to change without notice

Further information:  
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