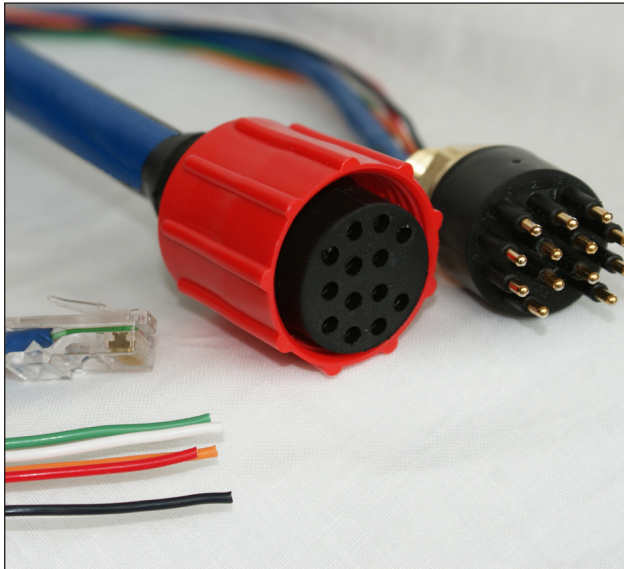


SubConn® Combined Power Ethernet Cable



Description

The new SubConn® Combined Power Ethernet Cable provides data transfer and power for underwater instruments in one high performance cable. The specially designed 13 contact connector is capable of up to 1 Gbit/s data transmission over 100 metres of specialised underwater cable and is the latest addition to the successful Ethernet range.

The combined cable represents savings both in terms of space, as the connector has the same dimensions as the existing single function version, and in terms of economy, eliminating the need for two single function cables.

The SubConn® Ethernet programme is the first high speed underwater communications system with true Ethernet type performance.

Unique, reliable performance at full ocean depth

SubConn® Ethernet 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 Cat5E cable for leads with a specially designed interface that eliminates cross talk and noise.

Further information:
www.subconn.com • www.macartney.com

Specifications subject to change without notice

Versions available

- 13 pin with 4 Ethernet TPs, 4 power conductor and 1 screen

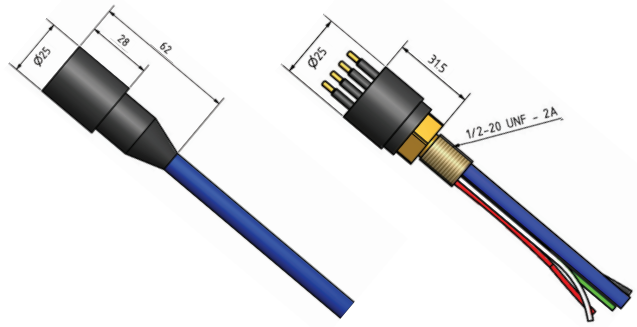
Features and benefits

- High speed data communications (1 Gbit/s to 100m in air and water at 600 bar)*
- Power rating: 600V, max 4amp (power conductor)
- Full ocean depth rated and tested system
- Cat5E type conductors for inline cable
- Cat5E cable for bulkhead leads
- Power pigtailed in BH: 20 AWG
- Power conductors in cable: 18 AWG

Options

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

*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

