

## Specialist Cables

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### Applications

For use in severe environments, offering high performance cables for hazardous applications.

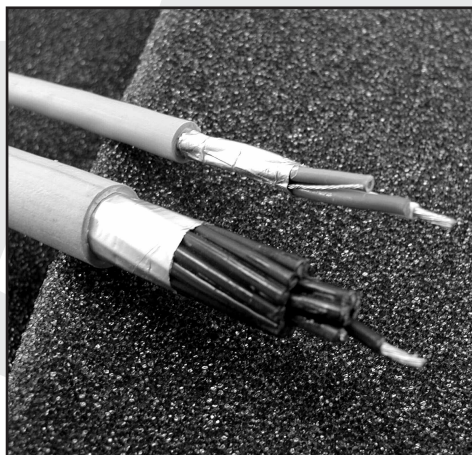
### Overview - Features & Benefits

- Working voltages from 50 to 20,000V
- Electromagnetic protection
- Protection against crushing, vibration, tension, torsion, friction and repetitive bending.
- Nuclear, chemical, defence, sub sea, petro-chemical, off-shore oil and gas



### Nuclear - Features & Benefits

- Flame & fire retardant to IEC 332-1/332-3
- Resist radiation doses up to 200 Mrads (Mulrad 2 product range)
- Cables in accordance to Cogema La Hague & Cogema Melox specification (centre for the enrichment and re-treatment of uranium)
- Cable types 10 Nouvelle Generation
- Mulrad 2 cables
- Roborad cables for nuclear robotics

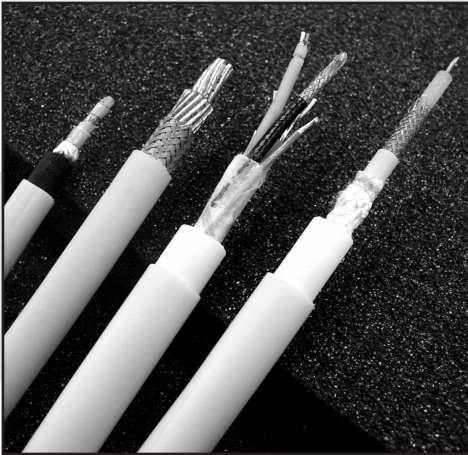


### Defence - Features & Benefits

- Hybrid cables for telescopic antennae
- Cables for sub-marine detection
- Cables for sub-marine external link
- Cables for tanks
- Electro-mechanical cables for a variety of underwater devices
- Armoured and unarmoured, screened and unscreened cables.



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### Sub-Sea

For cables used in sub-sea environments, all functions must be assembled under one jacket.

### Functions include:

- Power supply wires
- Hydraulic supply (high pressure tubes)
- Pneumatic supply and control
- Electrical control wires
- Electrical signal (coaxial or screened pair)
- Optical signal (optical fibre)

Utilising the latest design technology allows cables to be designed to resist high mechanical stresses.

### Electronics

Miniaturised conductors and insulation materials suitable for use in micro-electronic applications.

### Features & Benefits

- Automotive sensor cables
- Spiral cables for sensors
- Miniaturised cables for strain gauges
- An extensive range of coaxial cables
- Cables for ultrasound and medical devices

### Pneumatics

Offering constructions that can incorporate sheaths of 2 - 19 polyamide tubes that can supply any type of machine with pneumatic controls and devices.