



**HYDROCABLE  
SYSTEMS**

## Medium Voltage Cables

Up to 36 kV for various dynamic and static applications



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Hydro Cable Systems Ltd design and manufacture Medium Voltage cables, up to 36 kV for various dynamic and static applications.

Each cable is designed to meet the particular application of the customer, utilising EPR or XLPE triple extruded conductors to meet the higher voltage requirements and can be laid up with smaller components to allow for low voltage power, signal and fibre optics to be contained within the one cable.

Further enhancements can be made to the cable to add mechanical protection or load bearing with the addition of aramid layers or single and contra helical steel wire armouring to suit the application.



Operations / cable manufacturing at Aberdeen HQ.

Our in-house design team develop cables utilising the latest software to meet the requirements of the customer, taking into account the environment, type of system, installation methods and geographical location of the cable. Additional support can be provided in the form of dynamic, fatigue and seabed stability analysis to further validate the design and to meet with the end users criteria.

The cables can be manufactured in short lengths from only 200 metres and are produced from Hydro Cables Systems Ltd state of the art manufacturing facility in Aberdeen, Scotland and can be exported globally.

### Certification

Hydro Group plc holds the certification approval to ISO 9001:2008 to design and manufacture specialist underwater and harsh environment armoured electrical and optical composite cables and umbilicals.

