



Subsea Power Cables

JDR IS A CHOICE PROVIDER OF UMBILICAL CABLE, FOR A WIDE RANGE OF OFFSHORE OIL & GAS PROJECTS.

JDR is a world-class manufacturer and engineer of oil and gas subsea power cables used by oil and gas operators around the world to distribute power between offshore installations.

JDR's subsea power cables cover great distances and are designed to operate in dynamic subsea environments for many years. We have built a strong track record in the development and delivery of highly engineered subsea power cables across a diverse range of applications.

We deliver turnkey solutions developing complete packages that incorporate complete scope of ancillary hardware and installation support services.

Our designs are specially engineered and manufactured to suit the dynamics and the challenges of each individual customer's subsea application. We offer a range of subsea power cable solutions that can include fibre optic communications between fixed and floating offshore installations and subsea infrastructures.

The JDR engineering team develops subsea power cables with:

- Flexibility in materials selection and configuration of manufacturing processes e.g. a range of polymer options
- Multi-phase AC systems with a voltage range of 1kV to 72kV
- Both 'wet' and 'dry' design types using either EPR or XLPE three layer insulation systems
- A range of armouring options
- Coilable and non-coilable designs
- Termination design and fitting for topside and subsea connections
- Assembly, qualification and in-house testing to avoid risk of commissioning delays

JDR offers full dynamic analysis, fatigue analysis and seabed stability analysis to prove the suitability of our subsea power cable designs. Qualification testing is available to verify our design analysis work. Our Product and Installation Service division provides 24/7 installation (testing and commissioning) and maintenance support

through a global network of highly experienced and fully certified technicians. Our team of certified offshore technicians supports system installation, hook-up and commissioning. The team is equipped for rapid mobilisation to anywhere in the world.



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JDR is a leading provider of technology connecting the global energy industry. Our products and services enable vital control and power delivery for offshore oil & gas and renewable energy systems. The world's energy companies depend on high performing control umbilical and/or power cable systems to operate in the world's harshest environments. JDR invests in state of the art manufacturing facilities, technology and people to deliver these world class energy connection/control products and services. We have a proven track record of delivering client expectations and are totally committed to full lifecycle customer services. We achieve this through our specialist engineering teams, experienced project managers, integrated safety systems and global service network which ensures 24/7 aftermarket support.

