

Product & Service Datasheet

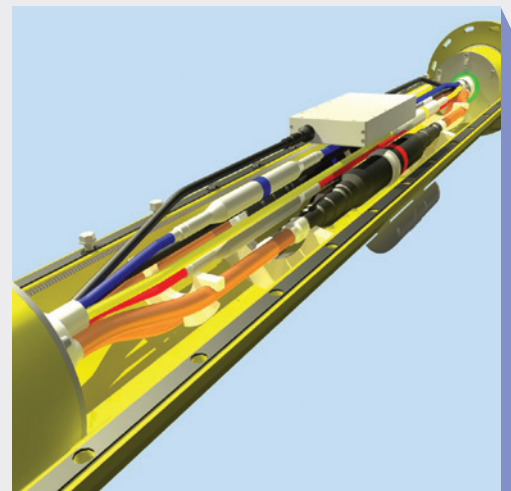
Medium Voltage (6kV to 36kV)
Subsea Power Cable
Repair Joint



For the offshore repair of medium voltage subsea cables Power CSL offers its robust and reliable repair joint product range.

Applications for Power CSL medium voltage repair joint range include

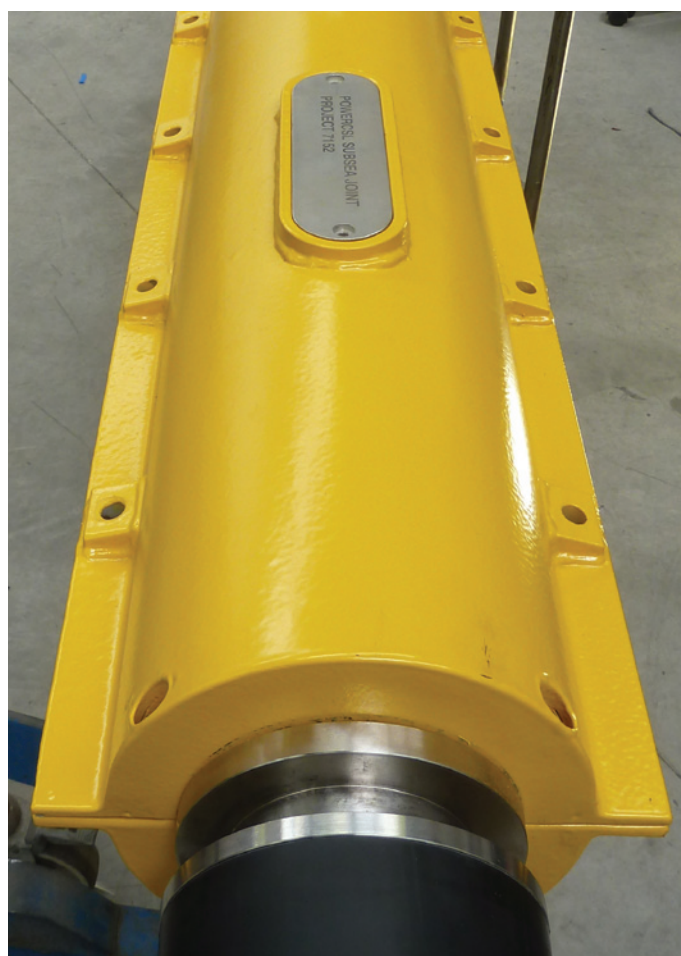
- Repair of offshore windfarm medium voltage array cables (to 36kV)
- Repair of offshore oil platform interconnections (to 36kV)
- Repair of medium voltage island link cables (to 36kV)



Each repair joint is specifically tailored to match the cable configuration and can accommodate MV power core, optical fibre and low voltage control core components.

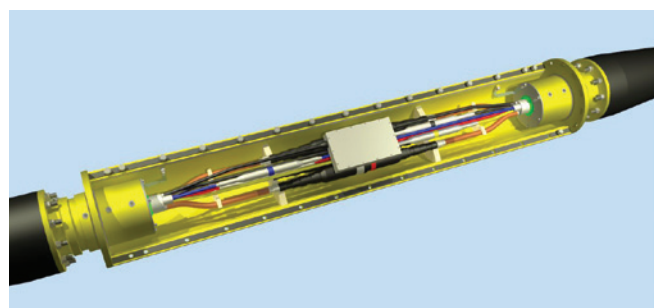
For the LV & MV core joints Power CSL's proven design employs compression ferrules for conductor connections and a combination of tape and heat shrink for insulation reinstatement. The joint can include an optical fibre splice enclosure. All components are housed within a resin filled, corrosion resistant, overall casing. The product utilises high tensile strength armour terminations and is supplied with bend stiffeners. The joint can be designed to connect cables of differing conductor size and from different manufacturers.

Power CSL offers trained offshore certified technicians for installation of the joint, or alternatively a training service for Client's technicians.



Key features of the Power CSL medium voltage subsea cable joint:

- High tensile load capability
- Well proven tape based insulation reinstatement
- Highly effective seals protecting against radial or longitudinal ingress of water into the repair joint
- Can incorporate optical fibre splice enclosure and low voltage control cores
- Joint casing incorporates cathodic protection
- Rapid installation (24 - 36 hours)
- No special tools required
- Minimum design life 25 years



POWER CSL

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