



Downhole Cable Splice

A cost-effective splice for all electrical Tubing Encapsulated Cables (TEC)

The AnTech Downhole Cable Splice allows two cables to be connected downhole creating a continuous electrical cable. The cable splice provides a sealed and electrically insulated connection between two cables using a combination of glass-to-metal and metal-to-metal seals. The splice can be pressure tested on site after assembly to ensure maximum reliability downhole. The simple design makes assembly and testing at the well site fast and reliable.

Splices are commonly used at the wellsite to extend existing cable, to replace sections of damaged cable or to connect to equipment within a continuous cable length. The AnTech Downhole Cable Splice is simple to make up and reliable.

Reliability is guaranteed prior to running the cable in hole by the ability to pressure test all the seals onsite.

The Downhole Cable Splice comes in different sizes and materials to suit different cable specifications, all qualified to 15ksi working pressure. It is important that the material of the downhole cable, usually SS316 stainless steel or Inconel 825 is matched with the ferrules in the metal-to-metal seal to prevent any galvanic effects. AnTech can assist with all technical specification.



Specifications

Ability to Pressure Test	All seals can be pressure tested onsite.
API6A/ISO10423 Rating	PSL 3
Sour Service	NACE/MR01775 Compliant
Line Options	SS316 And I825
Line Size Options	1/4", 1/8", 4mm

Features & Benefits

- **Glass-to-metal seal feedthrough** - Isolates each line.
- **Seals can be pressure tested at site** - For quality assurance during deployment.
- **Low profile and short length** - To fit conveniently in the radial space.
- **Metal-to-metal seals** - For long term sealing performance.



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