



Collector Bulkhead

Providing a safe interface between the well environment and atmospheric pressure

AnTech's Collector Bulkhead is located at the end of the CT reel and provides the pressure bulkhead and electrical feedthru to ensure electrical continuity for up to 8 conductors. It allows the transmission of power and electrical signals between the downhole pressured environment and surface data acquisition equipment.

The Collector Bulkhead is an essential piece of equipment providing an interface between the well environment and atmospheric pressure. It is located at the end of the Coiled Tubing reel and holds the well pressure while providing an electrical connection.

It terminates the Coiled Tubing Logging Cable at a 2"-1502 Wing Union on the CT reel. The logging cable is mechanically anchored to the bulkhead with a cone type rope socket held by a cable clamp. The cable clamp gives a high strength termination of approximately 16,000 lbf pull, reducing the risk that the Logging Cable could be pulled free into the coil. It also stops rotation, preventing any damage on the Logging Cable. A separate cable connects the bulkhead to the collector.

The bulkhead can accommodate a logging cable with up to 8 conductors and has a Hawke cable gland (501/423/A/M20) that is suitable for most types of surface cable.

Features & Benefits

Suitable for all cables - Mono-cable and multi-conductor options are available.

Compatible - Our collector bulkheads have been designed to be used with our slip ring collectors and together they provide the complete surface solution for wireline in coiled tubing operations.

Complete package - We provide everything you need to run wireline on your coiled tubing unit.



We have designed our products to be simple and easy to assemble and hence the compact size and weight. Both variations meet high safety criteria and are NACE compliant (H2S resistant).

Specifications

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|-----------------------------------|--------------|-----------------------|
| Max. Operating Temp. | °F (°C) | 194 (90) |
| Min. Operating Temp. | °F (°C) | -4 (-20) |
| Max. Working Pressure | Psi (MPa) | Up to 15,000 (103) |
| Rated Tensile Load (on cable) | lbf (N) | 16000 (71171) |
| Max. Voltage | Vac | 1000 |
| Max. Current | A (per line) | 7 |
| Fluid Service | | Sour (H2S) |
| Sheath Diameter For Surface Cable | In (mm) | 0.433-0.463 (11-14.3) |

Training

We can train you and your teams on our products from step-by-step installation processes to safety considerations.