



**Weatherford®**

Production Optimization

## *Splitter Block–Cable/Gauge and Cable Splice*

Weatherford's splitter block assemblies are engineered to accommodate the connection of dual pressure temperature (PT) gauges, single PT gauge and cable bypass, or dual cable bypass from a single conductor TEC (cable). Simplified splitter design results in no field assembly, increasing overall system integrity. All connections are pressure testable.

The cable splice assembly allows field splicing in the event cable damage occurs during system conveyance. The splice assembly uses proven dual metal-to-metal seals that are fully pressure testable.





## Splitter Block–Cable/Gauge and Cable Splice

### Features, Advantages and Benefits

The splitter block assembly mounts to the mandrel body, simplifying interconnectivity, reducing the physical number of mechanical and electrical connections. Complete cable and dual gauge terminations to the splitter block are accomplished with three connections. The cable splitter is a one in-two out interconnection splice system. Internal connections within the splitter assembly are wire free. The design incorporates an internal bus bar connectorized system that electrically interconnects the dry mateable connectors for the cable and gauge(s). The improved design eliminates component failure due to vibration induced by production or well operations.

Weatherford splitter blocks and cable splice assemblies are fully field pressure testable. All seals are confirmed for mechanical, electrical and pressure bearing integrity once completely assembled in the field. No elastomeric seals are relied upon for in-well seals. The designs incorporate 100% metal-metal seals.

### Specifications

	Splitter Block	Cable Splice
Seals	Welded and dual metal-to-metal	Dual metal-to-metal
Pressure testable	Fully pressure testable to system design specifications, testing performed onsite after final make-up	
Material	Incoloy 718™	316L SS Alternate: Incoloy 718 (High yield alloys)
Interconnections	Single-pin dry connect	Metal-wire crimp
Pressure rating (API 5C3)	Incoloy 20K psi	Incoloy 20K psi Stainless 10K psi
Collapse pressure (calculated, API 5C3)	Incoloy 22K psi	Incoloy 22K psi Stainless 11K psi

