



Cable Assemblies & Custom Interconnects

Value Added Cable Assemblies

All cable assemblies are subjected to mechanical visual and dimensional inspections, thus ensuring a dependable and reliable rugged cable assembly. Sabritec cable assemblies are tested for electrical or optical characteristics. Product quality, reliability and on-time delivery are essential to all of Sabritec's products. Please contact our applications engineering department for more information.

Custom Interconnects

Sabritec's expertise is precision design and manufacturing of electronic interconnect systems. Our engineers work directly with customers to develop unique solutions that address specific customer needs and industry requirements. The combination of engineering talent and in-house manufacturing capabilities, such as 3D solid modeling, high precision machining, injection molding and complete assembly to provide customers with quick turnaround on custom designs.

We can easily modify standard products and/or create completely unique designs from start to finish. If you have the need for a custom product, please contact us with any questions or specifications. We look forward to assisting you in every way possible.

Water Sealed Connectors

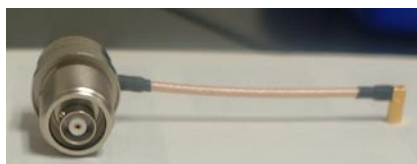
Electronic equipment that is used in harsh environments requires connectors that can withstand exposure to moisture, dust and other elements. Also many applications require components to meet the Ingress Protection (IP) rating of IP67. Sabritec has developed water sealed connectors that can be successfully used in systems where moisture, humidity, water, and dust are present. The Sabritec design method is capable of sealing up to 35 psi in the unmated, open faced condition. These connectors are ideal for high-pressure/low leakage applications in land, air, sea, and space environments. The water sealed connector features can be added to both filtered and non-filtered multipin connectors, coaxial, triaxial, and high speed copper connector types.

Circular, Rack and Panel and D-subminiature Types

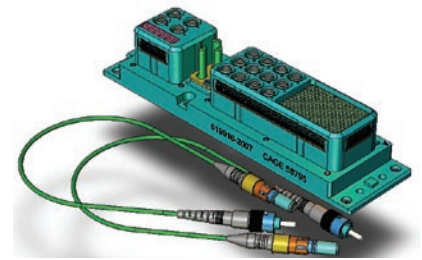
Sabritec has incorporated this water sealed technology in connector types that meet the requirements of most connector standards including MIL-DTL-38999, MIL-DTL-26482, MIL-DTL-83527, MIL-DTL-81659, and ARINC 600. These connectors can be designed to fit the envelope of the specification standard or can incorporate any special features desired including different mounting types, unique shell or flange configurations, or EMI/EMP filtering.

Customer Defined Specialty Connector Types

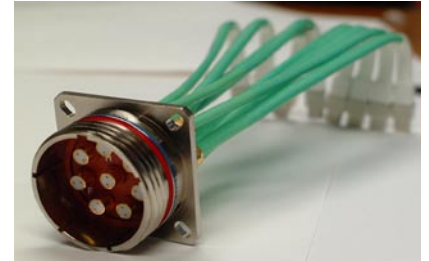
Sabritec also provides water sealed capabilities to connectors that do not conform to any connector standard but are application specific designs as defined by unique interface requirements. Along with being sealed in the unmated condition, these connectors can also incorporate threaded inserts, hybrid contact configurations (power, signal, coaxial, triaxial, and high speed), custom housing configurations, EMI/EMP filtering, and value added cable assemblies.



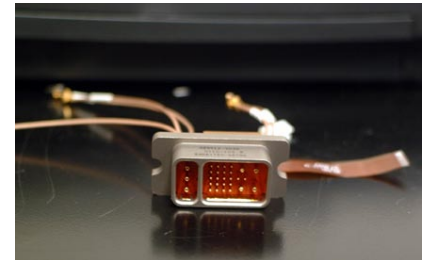
Filtered Coaxial Switching Connector



ARINC 600 Connector with Expanded Beam Cable Assemblies



MIL-DTL-38999 Twinax Connector with Value Added Cable Assembly



Water Sealed Hybrid Connector with Coax, Power and Signal Contacts



MIL-DTL-38999 Compliant Water Sealed Connector



GPS Connector

Sabritec provides specialty, enhanced performance connectors and cable assemblies and as such does not currently offer circular, rack and panel, or D-subminiature connectors that are listed on military standard Qualified Products Lists (QPL) per applicable detail specification sheets. Sabritec's connectors are fully interchangeable with applicable QPL products and meet the applicable requirements of all military standards listed in this catalog.