



Environmental



MIL-DTL 5015 Type Environmental Connectors



5015 Type environmental threaded coupling connectors are designed to provide outstanding corrosion resistance and rugged performance. These stainless steel, aluminum and composite thermoplastic plugs and receptacles are ideally suited for severe environments such as geophysical exploration, mining and other settings where resistance to extreme temperatures, salt spray and caustic chemicals is a critical requirement.

Fully compliant with the Mil-DTL-5015 specification, the connectors offer additional design features and materials advantages which make them exceptional values for many interconnect applications. Composite versions are manufactured from a 40% glass filled Ryton engineering plastic. Ryton is a high temperature, injection molded material with good mechanical properties and excellent chemical resistance at elevated temperatures, up to 500°F. The material provides outstanding resistance to a broad spectrum of aggressive chemicals and has very stable dielectric and insulating properties.

The connectors are designed for rugged field use, and feature large profile knurlings for ease of handling, and anti-decoupling springs for maintenance-free performance. A complete range of pin sizes and insert arrangements are available. Polarizations are fully supported.

Product Features:

- **Stainless Steel, Aluminum and Composite Versions**
- **Environmental Connectors**
- **2 to 18 Pin Layouts**
- **Plugs, Receptacles and Bulkhead Feed-Thrus**
- **Solder Mounts, Flange Mount and Jam-Nut Versions**
- **Keyed Polarization**
- **Special Swivel-Lanyard Quick Disconnect Designs**