

Aerospace & Defense

Interconnect Solutions

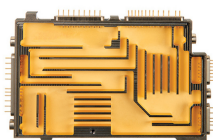
Winchester is a growing supplier of Engineered Interconnect Solutions for the Aerospace & Defense Market. Some areas of expertise include Overmolded Cable Assemblies, Hermetic Connectors and Integrated Assemblies, and Connector and Cable Power solutions.

We specialize on standard and custom solutions in the following areas:



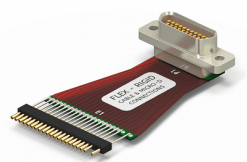
RF & Microwave

- Comprehensive range of RF Cables and Connectors from High Frequency (110GHz) to High Power (kW)
- Vertically integrated coax cable manufacturing – Flexible, Low Loss to Semi-Rigid
- Quick Turn RF Cable Assemblies
- KINGS-Win QPL Connectors – M39012 (Coax), M55339 (Coax Adapters), M49142 (Triax)



Hermetics

- Laser weldable Micro D/Nano D connectors with high-reliability Ceramax ceramic dielectric sealing material
- Turnkey Hermetic Microwave Packaging with integrated Multi-Pin Connectors and RF Feedthroughs
- Glass-to-Metal Sealed Connectors and Headers



Microminiature

- Micro D and Nano D connectors from Ulti-Mate Connectors
- M83513 and M32139 Mil-Spec Approved
- PCB Nano D and Right Angle Nano D connectors
- Overmolded Micro-D Cable Assemblies



Fiber Optics

- Mil Spec Fiber Optic Connectors and Termini – M28876, M83522, M29504
- Fiber Optic Cable Assemblies
- Undersea Fiber Optic Bulk Cable
- EL Expanded Beam “No Clean” Termini



Cable Manufacturing

- Custom bulk cable solutions
- Unique subsea / undersea bulk cable capability / including fiber optics
- Overmolded cable assemblies of various materials – thermoset and thermoplastic
- Neoprene, EPDM, Viton, etc.



Cable Assemblies & Wire Harnesses

- Engineered cable assemblies
- Build to Print cable assemblies to customer specifications utilizing Mil Spec connectors, cable and accessories



Other Mil Spec Connectors

- M28876, M28840, M28748, M55302, M28804

| Certification | Description |
|--------------------------|---|
| AS9100 | Aerospace Quality Management System |
| AS7003 | National Aerospace and Defense Contractors Accreditation Program |
| ISO 13485:2003 | Medical Device Quality Management System |
| IPC/WHMA-A-620 (Class 3) | Requirements and Acceptance Standards for Cable and Wire Harness Assemblies |
| ISO 9001:2008 | Quality Management System |
| OHSAS 18001:2007 | Occupational Health and Safety |
| ISO 14001:2004 | Environmental Management System |