

Ulti-Mate Connector

Ulti-Mate Connector, a Winchester Interconnect company, has been producing world-class Microminiature and Nanominiature connectors and customized solutions since 1977. From our facility in Orange, California we proudly serve the interconnect needs of the Military, Aviation, Medical, Industrial and Geophysical markets. Our reputation for innovation and quality has placed Ulti-Mate Connector in many critical applications.

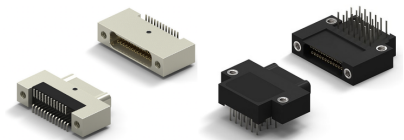
Ulti-Mate Connector designs and manufactures a broad range of precision-engineered Micro and Nano Connectors and Cable Assemblies. In addition to the standard products shown below, Ulti-Mate can collaborate on custom solutions that meet your most challenging interconnect needs.

Nano Connectors

Nano D

- QPL supplier for MIL-DTL-32139
- Metal Shell Connector
- Unique 1-Piece PCB Contact with Flat Tail Termination
- Field Solderable
- Operating Temperature from -55°C to +200°C
- 9, 15, 21, 25, 31, 37, 51, 65, and 85 Positions

- Single or Dual Row
- Metal or Plastic Housing
- Available in Multiple SMT, Thru-Hole, Right Angle, Vertical, and Edge Mount Configurations



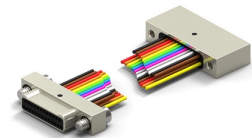
Nano Circular

- Circular Nano Plugs and Receptacles
- Wired or PCB Configurations
- Plastic Inline
- Metal Shell Break Away
- Multiple Pin Counts Available



Nano Assemblies

- Custom Overmolded Assemblies
- 360 EMI Shielding
- Complete "Turn-Key" Competence
- Metal and Textile Overbraiding
- Impedance Controlled Rigid-Flex Nano Assemblies



Micro Connectors

Micro D

- QPL supplier for MIL-DTL-83513
- Metal or Plastic Shell
- Wired Micro D Plugs and Receptacles
- Standard or Low Profile
- 3 Amp Current Capacity
- 9,15,21,25,31,37,51-3 and 100 positions



Micro D Combo

- Micro D Power & Coax Combo Plugs and Receptacles
- Up to 10 Power (10 amp) or 65 Signal Positions
- Standard Profile Wired, Solder Cup or PCB Metal Shell



Micro Circular

- Micro Circular Plugs and Receptacles
- Pre-Wired, Solder Cup & Straight Tail versions
- Latching, Push-Pull, and Quick Disconnect
- Metal or Plastic Shell
- Multiple Pin Counts Available



Micro Assemblies

- Custom Micro Overmolded Assemblies
- Custom Micro Connectors
- 360 EMI Shielding
- Impedance Controlled Rigid-Flex Micro Assemblies
- Complete "Turn Key" competence
- Metal and Textile Overbraiding



Ulti-Mate
Connector

Custom Connectors and Cable Assemblies

For more than 25 years, Ulti-Mate Connector has provided custom connectors and cable assemblies to customers in the Military, Aviation, Medical, Industrial and Geophysical markets.

Examples of end applications comprise of commercial cargo loading equipment, avionic antenna networks, submarine communications systems, satellites, advanced missile guidance systems, precision operating-room equipment and directional down-hole drilling equipment. Our team is ready to make your custom cable concept a reality.

Ulti-Mate Features and Capabilities

- Rugged Designs
- Overmolding
- Braiding
- SLA Mold
- SMT, THT, Wired, Solder cup
- Positive Lock
- Push-Pull; Latch
- IP-67 and IP-68
- Shock and Vibe
- EMI Protection
- High Temp
- Cryo Temp
- Combo
- Flex Circuit
- QPL Supplier for M83513 and M32139



Ulti-Mate Connector is ITAR registered, ISO 9001: 2015, and AS9100 revision D certified. Our robust quality assurance processes ensure Ulti-Mate connectors and cable assemblies comply with all documentation requirements, product configurations, and validation requirements.

Cable assemblies are 100% electrically tested for Hi-Pot, DWV, IR, Continuity, Placement, and Contact Resistance. Mechanical integrity, flame retardant, flex life, shielding & signal integrity, and outgassing, when necessary