

Amphenol® /Pyle® MIL-C-26500 Connectors - environmental connectors for military/aerospace applications

High quality and dependability are the earned reputations of the Amphenol®/Pyle® Series of connectors designed to meet the specification requirements of MIL-C-26500.

Serving such diverse fields as avionics, missile systems, aircraft general-purpose applications, aircraft engines and firewalls, the Amphenol®/Pyle® MIL-C-26500 connector family meets the myriad of problems with innovative connector solutions.

Amphenol®/Pyle® MIL-C-26500 Connectors are medium sized connectors with a rugged design, lightweight construction and continuously dependable performance. This product family provides design features and options which are listed below in the order of the sections of this catalog.

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- **Aluminum Shells in threaded or bayonet coupling, proprietary (ZZY or ZZW), or supplied to military classes R and G**
 - general purpose, environmentally resistant
 - square flange or single hole receptacles, and straight plug shell styles
 - ratchet lock plug style, which eliminates the need for safety wiring, and a mating threaded receptacle
 - black anodize non-conductive finish for class R and a conductive finish in class G that provides a minimum resistance path through the shell for grounding purposes
 - coupling nuts are hardcoat treated for added protection against wear
 - rear accessory threads accommodate standard MS27291 series cable supports or related accessory hardware
 - **Stainless Steel Shells in threaded or bayonet coupling, proprietary (ZZY or ZZW), or supplied to military class E**
 - machined from 300 series stainless steel providing superior strength and wear characteristics
 - at elevated temperatures, 204°C (399°F), shells experience a less than 10% loss in yield strength
 - shell hardware resists corrosion for the life of the connector without the need of additional finishes
 - same shell styles offered as in aluminum
 - a variety of stainless steel accessories are available
 - **Amphenol special application connector, 48 Series* receptacle short skirt**
 - low profile design for restricted installation requirements
 - **Wire splice connector**
 - space saving, single contact, wire splice module
 - **Firewall Capability Connectors meet the fireproof requirements of MIL-C-5015, Class K. Proprietary (FPK or FYL), or supplied to military Class K**
 - also **FPL** - threaded coupling, same as FPK but used on Lockheed Aircraft. and **FP5K** - threaded coupling, qualified for General Electric
 - non-magnetic stainless steel shells designed for superior strength and elevated temperatures up to 460°F for extended periods
 - same shell styles as stainless steel and aluminum versions
 - **Hermetically sealed MIL-C-26500 connectors, supplied to military class H are also available.**
 - See page 26 for brief description
 - See page 4 for hermetic insert availability
 - Consult Amphenol, Sidney, NY for availability and ordering information.
 - **Contacts and Accessories for MIL-C-26500 connectors**
 - MIL-C-39029 qualified contacts and special application contacts including thermocouple, printed circuit board and shielded/coaxial types
 - Boeing specification contacts
 - Aluminum and stainless steel cable supports; aluminum dummy receptacles
 - Contact crimping/ installation/removal tools for Amphenol 48 series and Pyle-National MIL-C-26500 series

* For more information on other Amphenol®/Pyle® 48 Series products consult Amphenol, Sidney, NY.