High quality and dependability are the earned reputations of the Amphenol/Pyle Series of connectors designed to meet the specification requirements of MIL-DTL-26500. Serving such diverse fields as avionics, missile systems, aircraft general-purpose applications, aircraft engines and firewalls.

Amphenol/Pyle MIL-DTL-26500 Connectors are medium sized connectors with a rugged design, lightweight construction and continuously dependable performance. This product family provides the following design features and options:

### Aluminum Connectors - Military Classes R and G; Proprietary (ZZY, ZZW)
- General purpose, environmentally resistant
- Threaded or bayonet coupling
- Square flange or single hole receptacles, and straight plug shell styles
- 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
- Rear accessory nuts are hard coat treated for added protection against wear
- Selectable thread types accommodate standard cables for related accessory hardware

### Stainless Steel Connectors - Military Class E; Proprietary (ZZY, ZZW)
- Machined from 300-series stainless steel providing superior strength and wear characteristics
- Threaded or bayonet coupling
- Shells experience a less than 10% loss in yield strength at elevated temperatures, 204°C (399°F)
- Shell hardware resists corrosion for the life of the connector without the need of additional finishes
- Same shell styles offered as in aluminum
- Variety of stainless steel accessories are available

### Firewall Connectors – Military Class K; Proprietary (FPK, FYL)
- Meets the fireproof requirements of MIL-DTL-5015, Class K
- Threaded or bayonet coupling
- FPL - threaded coupling; same as FPK; used on Lockheed Aircraft
- FP5K - threaded coupling; same as FPK; 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

### 48 Series Receptacle Short Skirt - Amphenol special application connector
- Low profile design for restricted installation requirements
- Wire Splice Connector
- Space saving, single contact, wire splice module

### Hermetic Connectors - Military Class H; Proprietary (ZZL, ZZB)
- See page 421 for brief description
- See page 421 for hermetic insert availability
- Consult Amphenol Aerospace for availability and ordering information.

### Contacts and Accessories for MIL-DTL-26500 connectors
- SAE AS39029 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-DTL-26500 series

### Commercial Design with PC Tail Contacts
- Single piece insert construction
- PC Tail Contacts
- Special shell geometries
- For high volume cost sensitive applications