



POWER High-Power Aircraft LOAD™ Electrical Connectors

With high current carrying capacity Crown Ring contacts and flexible TurboFlex® cabling



The aircraft industry's most advanced power distribution interconnect

Electrical power generation technology in aircraft has evolved to meet modern requirements for higher power and lighter weight systems. Growing electrical power needs on commercial aircraft—and emerging eVTOL platforms—have caused major changes in power system architectures to accommodate peak-load stress factors in electrical wire interconnect (EWIS) cabling.

- **PowerLoad™**, the high-vibration, high-temperature interconnect optimized for higher-voltage, higher-altitude, and higher-frequency
- **TurboFlex®**, the Glenair signature high-flexibility power cable solution
- **Crown Ring** crimp, bus bar, and lug style contacts, optimized for high current carrying, high temperature performance.

A GLENAIR SIGNATURE SOLUTION: CONNECTORS, CONTACTS, CABLES, ACCESSORIES, AND ASSEMBLIES

- For applications up to 2000 VAC / 1500 Hz, and from 150 – 800 Amps.
- 230°C maximum operating temperature connectors (stainless steel bodies and shells)
- TurboFlex® rope lay power cables optimized for PowerLoad™ connectors, from 8 AWG to 4/0
- Ultra-flexible cable configurations with ruggedized Duraelectric or FEP jacketing:
 - Single-wall hookup wire
 - Dual-wall jacketed interconnect cabling
- High-temperature Crown Ring contact technology
- Patented wire sealing grommet
- Heavy-duty accessory interface