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SERIES 180-159

Ultra-Low dB Loss ARINC 801 Fiber Optics

with removable alignment sleeve for easy cleaning, maintenance and inspection

The ARINC 801 (Series 180-159) fiber optic connection system is designed for use in RF-over-fiber applications, in-flight entertainment, avionics, and other high-speed data networking applications. The Glenair ARINC 801 system utilizes MIL-DTL-38999 Series III type connectors and is built in accordance with high-performance mil-aero mechanical and environmental standards.

Key features of the system include genderless contacts, a removable alignment sleeve retainer with guidepins to ensure low insertion loss and return loss values. Singlemode (UPC and APC) as well as multimode (PC) termini with familiar LC type termination and assembly for complete flexibility in cable choice and optical performance. The keyed size 16 genderless termini are equipped with ceramic ferrules and stainless steel springs. A complete range of insert arrangements is available in accordance with ARINC 801.

- **Genderless terminus design eliminates pin and socket complexity**
- **Rear-release size #16 termini**
- **Singlemode (1310 and 1550 nm) as well as multimode (850 and 1300 nm)**
- **Mechanical and environmental performance IAW MIL-DTL-38999 Series III**