HiPer 55116 Audio Frequency Connectors

Series 152 HiPer 55116 connectors offer significant performance advantages for modern soldier communication systems.

- Intermateable and interoperable with standard MIL-DTL-55116 connectors
- Low contact resistance: less than 10 milliohms
- Integrated EMI ground spring provides improved 2.5 milliohm shell-to-shell conductivity performance
- IP68 rated sealing in mated and unmated condition, prevents water ingress into radio equipment
- 1,000 hour+ salt spray corrosion resistance
- Fully intermateable and interoperable with MIL-DTL-55116 connectors
- Superior 100 pound cable pull test rating

Series 152 HiPer 55116 Performance Specifications

- Shell-to-shell conductivity: 152-001 and -002 plugs: 2.5 milliohms max.
- 152-003 receptacle: 2.5 milliohms max when mated to Glenair HiPer 55116 plug 152-001 or -002
- Cable shield-to-shell conductivity: 2.5 milliohms max.
- Contact resistance (mated): 15 milliohms max. average; 20 milliohms max.
- Water immersion (mated & unmated): 152-002 plug, 152-003 receptacle: IP68 (10 meters of standing water for 1 hour)
- Air Pressure: 15 psi
- Salt spray: 1,000 hours (MIL-STD-202, Method 101E)
- Cable pull-out force (unmated): 152-001 and -002 plugs: 100 lbs. (Cable shield strength dependent)

All other performance characteristics of Series 152 HiPer 55116 connectors are compliant with MIL-DTL-55116 (see table on Page 11 for specifications).