QPL AND HIGH-PERFORMANCE MCOTS

HiPer 55116 Tactical Radio Connectors and Cables

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
- Integrated cable shield termination band porch
- Superior 100 pound cable pull test rating

Glenair DLA Qualified Series 151 Standard MIL-DTL-55116 audio connectors

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>151-001</td>
<td>MIL-DTL-55116 QPL audio plug with wire strain relief</td>
</tr>
<tr>
<td>151-002</td>
<td>MIL-DTL-55116 QPL audio plug with overmold adapter</td>
</tr>
<tr>
<td>151-003</td>
<td>MIL-DTL-55116 QPL radio-mount jam nut audio receptacle</td>
</tr>
<tr>
<td>151-004</td>
<td>MIL-DTL-55116 QPL in-line audio receptacle with wire strain relief</td>
</tr>
</tbody>
</table>

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### SERIES 152 HIPER 55116 PERFORMANCE SPECIFICATIONS

Complies with all MIL-DTL-55116 specifications and exceeds the following performance criteria:

**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 & un-mated)**: 152-002 plug, 152-003 receptacle: IP68 (10 meters standing water/1 hr.)

**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)