



**Also Available from Glenair:
MIL-DTL-55116 Type
High-Performance Audio/Radio Connectors**



- **IAW MIL-DTL-55116**
- **Advanced performance versions include improved sealing, package size reduction, and lightweight material options**
- **Overmolded cordsets**
- **Fully intermateable and intermountable with all industry-standard MIL-DTL-55116 connectors**

MIL-DTL-55116 type audio connectors for high-reliability, mission-critical communication systems—now available with advanced performance features including size/weight reduction and improved sealing

MIL-DTL-55116 Specifications	
Current Rating	5 AMPS
DWV	500 VAC sea level, high altitude 300 VAC
Insulation Resistance	1000 megohms minimum
Operating Temperature	-55° C. to +85° C.
Contact Resistance	0.050 ohms maximum
Water Immersion, Mated	6 ft, 48 hrs, mated condition, no leakage
Water Ingress, Mated	Ingress protection 67
Durability	3000 cycles of mating

Series 151 (standard) and 152 (advanced performance) MIL-DTL-55116 Type audio connectors are designed for high-reliability, severe environment radio communications equipment. They are available in both 5 pin and 6 pin configurations, with either crimp sleeve or solder cup pogo pin terminals. All feature versatile wire strain relief to protect cable conductors from damage. Shells are made of passivated stainless steel, contacts are gold plated copper alloy. Plug connector contacts are sealed in the unmated condition.

Connector Type	Contact Type	Contact Layout	MIL SPEC Slash Sheet	IAW MIL-DTL-55116	Glenair High Performance	Mates with
Cable Plug, with Strain Relief U-229	Crimp	5	M55116/1	151-001-1	152-001-1	151-003-1, 151-004-1, 151-004-3
		6	M55116/2	151-001-2	152-001-2	151-003-2, 151-004-2, 151-004-4
	Solder	5	M55116/3	151-001-3	152-001-3	151-003-1, 151-004-1, 151-004-3
		6	M55116/4	151-001-4	152-001-4	151-003-2, 151-004-2, 151-004-4
Cable Plug, Molded U-182	Crimp	5	M55116/5	151-002-1	152-002-1	151-003-1, 151-004-1, 151-004-3
		6	M55116/6	151-002-2	152-002-2	151-003-2, 151-004-2, 151-004-4
	Solder	5	M55116/7	151-002-3	152-002-3	151-003-1, 151-004-1, 151-004-3
		6	M55116/8	151-002-4	152-002-4	151-003-2, 151-004-2, 151-004-4
Receptacle, Jam Nut U-183	Solder	5	M55116/9	151-003-1	152-003-1	151-001-1, 151-001-3, 151-002-1, 151-002-3
		6	M55116/10	151-003-2	152-003-2	151-001-2, 151-001-4, 151-002-2, 151-002-4
In-Line Receptacle U-228	Crimp	5	M55116/11	151-004-1	152-004-1	151-001-1, 151-001-3, 151-002-1, 151-002-3
		6	M55116/12	151-004-2	152-004-2	151-001-2, 151-001-4, 151-002-2, 151-002-4
	Solder	5	M55116/13	151-004-3	152-004-3	151-001-1, 151-001-3, 151-002-1, 151-002-3
		6	M55116/14	151-004-4	152-004-4	151-001-2, 151-001-4, 151-002-2, 151-002-4