



# VG-Qualified J-Class Tin-Zinc Plated Connectors

**VG95234 · VG95328 · VG96929**

Glenair rugged VG series VG95234, VG95328, and VG96929 with Tin-Zinc J Class plating are now qualified by The Federal Office of Bundeswehr Equipment, Information Technology and In-Service Support. Tin-Zinc is a RoHS cadmium-free galvanic finish that offers high conductivity and shielding performance, corrosion resistance, and proven compatibility with legacy Cadmium, Zinc-Nickel, and Nickel-PTFE finishes.

- High conductivity and shielding performance in harsh environment conditions
- High corrosion resistance
- Compatibility with legacy cadmium-plated connectors and environmental shrink boots
- RoHS-compliant material
- Test reports available upon request



Available finishes:  
Standard Cadmium  
Code B Marine Bronze  
Code J Qualified Tin-Zinc

High conductivity and shielding performance:	
High conductivity and shielding performance	VG95234 Code J Tin-Zinc plating shield connection average value: 0.5 mohm (VG95234 with legacy Cadmium plating shield connection average value: 1.5 mohm)
Shielding performance not degraded after:	Durability (500 mating cycles) + dry heat (16 hours at 125°C) + cold (16 hours at -55°C) + humidity (672 hours at 40°C 93%) Cycling Salt spray (5 days 2hrs salt spray + 22 hours humidity)
Compatibility with heat shrink boots of Cadmium plated connectors:	Tested with the following environmental heat shrink boots: VG95343T06 (without inner coating) VG95343T18 (with inner coating) VG95343T28 (without inner coating, halogen free) VG95343T29 (with inner coating, halogen free)
RoHS Compliance	Tin-Zinc is a Cadmium-free RoHS material
High Corrosion Resistance	Tested up to 2000 hrs. of salt spray



REVERSE-BAYONET  
**Industry-Standard 5015-Type  
 Power and Signal Connector Series**  
 VG-qualified and Glenair Signature solutions



**HIGH-PERFORMANCE RUGGED POWER CONNECTOR SERIES AVAILABLE WITH TIN-ZINC PLATING**



Series ITS and FR-ITS  
 (Fire-Resistant)  
 Reverse-Bayonet

Series ITH  
 Rigid Insert

Series ITK High-Temp Firewall:  
 Stainless Steel / Ceramic Insert

VG95234 Reverse-Bayonet  
 and VG96929 Single-Pole  
 (Glenair Series IGE)

VG95328 Bayonet-Lock  
 IAW MIL-C-26482: IPT and IPT-SE

Threaded Coupling Series  
 Connectors: IT and ITZ

Super ITS - 921 High-Temp,  
 High-Ampacity Power

Super ITS - ITH Octobyte  
 High-Speed Quadrax / Octax

**GLENAIR ITALIA BLQ: MANUFACTURING CENTER OF EXCELLENCE FOR HARSH-ENVIRONMENT  
 MILITARY, NUCLEAR, RAIL, AND INDUSTRIAL INTERCONNECTS**



**High-capacity CNC Machining centers**

allow Glenair BLQ to provide lightning-fast turnaround on small and custom orders as well as large production runs, all with superior surface finishes and better part quality.



**Advanced plating line**

Capabilities include VG95328-qualified Marine Bronze and J Class Tin-Zinc plating—VG95211 and VG95212 qualified cadmium alternative for corrosion-resistant interconnects.