



Tin Zinc J Plating

The RoHS- and REACH-Compliant Harsh Environment Cadmium Replacement.

ITT Cannon's Tin Zinc J Plating is an ultra-harsh environment formulation that meets or exceeds the VG (German Military) performance requirements of cadmium. It is a highly conductive ($< 5\text{m ohm}$) and corrosion-resistant (500 hours static / 5 days cyclic salt spray) matt grey, non-reflective solution.

Initially available on all ITT Cannon VG connector series and their commercial equivalents, Tin Zinc J Plating is backward compatible with cadmium and other ITT Cannon and Veam platings. VG-qualified as a full cadmium replacement and developed for extreme military environments; Tin Zinc J Plating is also ideal for the harshest industrial applications, where cadmium-level protection, and more, can be delivered in a RoHS- and REACH-compliant solution.

The CANNON Difference

- Global capabilities and local support
- Proven application expertise
- Over a century of interconnect leadership
- A committed innovator and business partner

Key Product Features

- Fully VG approved cadmium replacement
- Highly conductive ($< 5\text{m ohm}$)
- Corrosion resistant (500 hours static / 5 days cyclic salt spray)
- Matt grey non-reflective
- Chrome VI free in product and process
- Backward compatible to ITT cadmium and other platings
- Immediately available on ITT Cannon VG Series and commercial equivalents



VG96929



VG95234



VG95328

J PLATING - THE OFFICIAL VG-APPROVED 1-TO-1 REPLACEMENT FOR CADMIUM OLIVE DRAB

Markets & Applications



MILITARY VEHICLES



HEAVY AND OFF-ROAD VEHICLES



HARSH ENVIRONMENT INDUSTRIAL

Tin Zinc J Plating

Product Availability

Cannon Nomenclature	Military Nomenclature
CA Bayonet	VG95234
CGE	VG96929
KPSE*	VG95328
KPT*	-
KPTC*	-
CA Threaded	VG95342

VEAM Nomenclature	Military Nomenclature
CIR/FRCIR**	-
FRCIR290**	-
FRMGCI**	-
Veam VA900**	-
VPT**	-
VSC**	-

* European manufactured KPx products only

** For Veam product lines please contact factory to confirm availability

How to Order

Nomenclature	Tin Zinc J Plating Code	Example Part Number
VG	J	VG95234M-18-1PNJ
Cannon	A241	CA3106E18-1P-B-14-A241
Veam	T245/T246***	CIR030R24-12P-F80T245

*** Veam connectors with silver-plated contacts (T245) or gold-plated contacts (T246)



RoHS
COMPLIANT
PART NUMBERS

REACH
COMPLIANT
PART NUMBERS

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