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Realizing an industry leading 500h salt spray and IP69k rating CA Bayonet

CA Bayone Connector



Engineered for life

www.ittcannon.com

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Interconnect Solutions Cannon, VEAM, BIW



Proven Bayonet Design – 100% Coupling Security

Over prior decades, Cannon delivered more than 5 million of our leading CA Bayonet connectors to the marketplace. Incorporating a robust design, developed in accordance with the German VG95234 specification, this interconnect is widely regarded as the most versatile and highest reliable connector series among MIL-C-5015 and VG95234 connectors worldwide.

The CA Bayonet has a proven bayonet coupling design, enabling easy connection and disconnection while offering exceptional vibration resistance and sealing against fluids.

Initially designed for aircraft and airborne applications, these rugged connectors now find usage in trucks, off-road vehicles, ships, earth-moving equipment, telecommunications equipment, and other rugged outdoor applications.



annon designed i ators are manufactured from high oprene to withstand temperatures from 55C to +125C (-67F to +257F) and provide sealing in he unmated condition



poliant Zinc Nickel plating in an attractive blue rev metallic finish ensures integrity against the most vere environmental conditions, including 500h salt spray.



egendary Cannon bayonet coupling design allows for fast and asy mating and umating. An audible sound and visual indicatio ealized by a color marked snap-in position indicator, offer addional coupling security and vibration resistance up to 20 g s.



CA Bayonet – Blue Generation Environmental Robustness & Leading Quality in a Single Connector

Recognizing the customer driven need for higher sealing and RoHS compliant platings. ITT defined the "Blue Generation" with its revised CA Bayonet connectors. These connectors excel in their harsh environment performance by exceeding current CA specifications including the following:

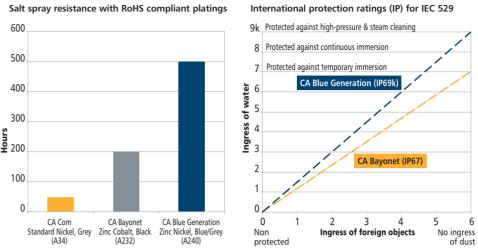
- Sealing degree increase to IP69k
- Salt sprav resistance to 500h • RoHS compliant Zinc Nickel plating in an
- attractive blue/grey metallic finish

WHY INNOVATIVE CUSTOMERS CHOOSE ITT

- Rugged shell design, anticorrosive plating, and decades of vibration experience with napkin (linguetta) contacts defining high reliability in harsh environments.
- Unique audiovisual bayonet coupling control ensuring accurate and correct coupling in environmentally challenged situations.
- Variety of shell styles and accessories, including 90 degree end bells allowing for easy adaptation to customer specific applications.
- · Commonality of end bells and tooling with current CA Bayonet products accommodating lower total cost of ownership.
- Patented Universal Shielded End Bell with robust sealing capability enabling safer transmission of signals and improved reliability over competitive products.



Harsher Environments – Better Performance – Blue Generation



Redefining Environmental Safety – **Ensuring Environmental Robustness**

Noting the increasing adoption of RoHS standards across multiple industries, ITT Interconnect Solutions adopted an aggressive and proactive stance to ensure the elimination of such materials as chrome 6, lead, and cadmium.

ITT ICS's CA Bayonet Blue Generation unites RoHS compliance and improved performance, as compared against our traditional

For more specifications please see: www.ittcannon.com



ΤΗΙΝΚ ABOUT

Reliability, Innovation, and Engineered Solutions, these terms collectively describe ITT Interconnect Solutions and define a legacy of Interconnect Science spanning nearly a century, reflecting billions of quality products sold, and incorporating the three industry leading brands of Cannon,

VEAM, and BIW. Our Innovation Timeline uniquely defines a historical compendium of interconnect leadership spanning over 90 years and including many industry firsts; Audio Connectors, Aviation Circulars, D-Sub's, Micro's, fiber optic assemblies, Zero Insertion Force Technologies, and other advanced applications of Interconnect Science. When collaborating with a technology leader, choose a participant with documented trust, established through



APPLICATIONS

- Construction Equipment - Engine Firewall
- Cab Signal Transfer - Power Transfer
- Industrial automation
- Sensor systems
- Conveyers
- Robotics
- Machine tools
- Engine control units
- Wind turbines
- Solar power
- Laser technology
- Garbage trucks
- Off road vehicles
- Winter service vehicles

Reliable sensor systems allowing safe operations at the highest levels.

olive green plated non RoHS military products, while offering an attractive blue/grey connector plating. Partnered with ITT ICS's pioneering engineering capability and globally deployed manufacturing excellence, we welcome the opportunity to support you in

reaching your ecological goals without abandoning your Rolls trusted performance.





multi-industry achievements as substantiated through the participation on every free world space mission, the creation of the first Mil / Spec interconnects, participation on the first talking movie, 100% reliability for over 45 years in Rail applications, and numerous additional achievements in major Military, Aerospace, Industrial, Medical, and Power markets. At ITT ICS, we truly are "Engineered for Life™." Think about ITT.



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

ITT Cannon:

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 CA3100E20-17SBF80
 CA3102E14S-7SBA232
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 CA3102E24

 22PB111-A34
 CA3102E28A16PB05A232
 CA3102E28A51SB109
 CA3102E36A99SBF80
 CA3108E14S-2SBF80A232

 CA3108F20-27PBF80
 CA3100F20A48P-B-01-VS6
 CA3100F24-28S-B-01-VS6
 CA3100F14S-6P-B-01-VS6

 CA3100E36A98PXB-15
 CA3102E16A12P-B-01-F0
 CA3101E10SLA4P
 CA3102E16A12S-B-01-F0
 CA3100F24-28P

 B-01-08-VS6
 CA3101E16S-15P-B-F80
 CA3102E18-23P-B-01
 CA3102E14S-6S-B-111-F16
 CA3102E14S-10S-B-04

 CA3102E16S-6P-B-F80-05
 CA3101E14S-10P-B-F80
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 CA3102E14S-10S-B-04