Realizing an industry leading 500h salt spray and IP69k rating

CA Bayonet Connector
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 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 spray resistance to 500h
- RoHS compliant Zinc Nickel plating in an attractive blue/grey metallic finish
- Patented Universal Shielded End Bell with robust sealing capability
- Rugged shielding and design choices for fast and easy mating and cleaning. An audible sound and visual indicators reduce the interconnection stage in any industry, offer with thermal coupling security and vibration resistance up to 20 g’s.
- Commonality of end bells and tooling with current CA Bayonet products, accommodating faster total time of ownership.
- Patented Universal Shielded End Bell with robust sealing capability enabling easy transmission of signals and improved reliability over competitive products.

CA Bayonet – Blue Generation – 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 V95234 specification, this interconnect is widely regarded as the most versatile and highest reliable connector series among MIL-C-5015 and V95234 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.

Harsher Environments – Better Performance – Blue Generation

Salt spray resistance with RoHS compliant platings

ITT ICS’s CA Bayonet Blue Generation unites RoHS compliance and improved performance, as compared against our traditional CA Blue Generation (IP69k) and CA Bayonet (IP67) products.

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 challenging 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 faster total time of ownership.
- Patented Universal Shielded End Bell with robust sealing capability enabling easy transmission of signals and improved reliability over competitive products.

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 CA Blue Generation (IP69k).

For more specifications please see: www.ittcannon.com

APPLICATIONS

- Construction Equipment
- High Power
- Industrial Automation
- Sensors
- Conveyors
- 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.

VENAM, and BMW. 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, 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 multi-industry achievements as substantiated through the participation on every free world space mission, the creation of the first MI / 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.

www.ittcannon.com