



Great Things Happen, When We Connect

Leveraging over 100 years of experience, ITT Cannon remains synonymous with innovation, reliability and quality, putting our customers at the forefront of what we do.

Who is ITT Cannon?

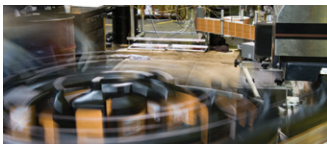
From the invention of the rack-and-panel and D-sub connectors to the latest miniaturized, high-speed products, ITT Cannon provides innovative interconnect solutions to customers around the world.

The experts at ITT Cannon partner everyday with customers from diverse industries to solve their most complex interconnect problems. From mission critical systems worn by soldiers, connectors for electric vehicles charging stations, and life-savings ultra-sound equipment, we pride ourselves on having the connectors and interconnects that our customers require.

Our product portfolio includes over a million configurations, including specialized connectors that meet stringent military specifications, to diverse, sustainable plating options, and the latest industry-specific standards. Whether you need rugged yet lightweight harsh environment connectors for off-road vehicles, or high-reliability interconnects for weapon systems, ITT Cannon either has what you need, or our team will design it with you.

WHY CANNON?

- Global capabilities and local support
- Proven application expertise
- Over a century of interconnect leadership
- A committed innovator and business partner
- Wide breath of solutions from MIL-Spec, Medical and Space Grade



INDUSTRIAL

- EMERGENCY POWER SYSTEMS
- AUTOMATION EQUIPMENT
- LIGHTING | FACILITY
- POWER JUNCTION BOXES
- TEST & MEASUREMENT



TRANSPORTATION

- RAILWAY SYSTEMS | BOGIES
- INTER-VEHICLES | POWER SYSTEMS
- PUMPS | ENGINES | DISPLAYS
- ELECTRIC VEHICLES | EV STATIONS
- CONSTRUCTION EQUIPMENT



AEROSPACE / DEFENSE

- AVIONICS | WEAPONS | IMAGING
- SPACE | UNMANNED SYSTEMS
- APUs | COMMUNICATION | IFE
- GROUND SUPPORT VEHICLES
- SOLDIER WEARABLE | ENGINES



WEARABLES/MEDICAL

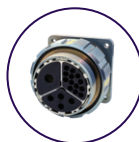
- TEST EQUIPMENT | WEARABLE DEVICES
- WIRELESS HANDHELD
- ULTRASOUND DIAGNOSTICS
- MRI | CT SCAN/X-RAY
- PORTABLE MEDICAL EQUIPMENT

New Product Solutions



MKJ Series

- High-density, miniature footprint
- UNC thread, double start, triple start, bayonet, breakaway and clip lock latching
- GOSSRA and Nett Warrior



MOVE MOD™

- Modular w/power, signal & data
- Quick and simple toolless assembly
- Unique ultra-secure bayonet coupling mechanism with secondary locking



IT Series

- Accepts contact size 16 (13A)
- Wire Range: 24-12 AWG
- Sealed: IP67, IP68, and IP6K9K
- Fully intermatable



HDx™ Series

- High-Density, small form factor
- High speed data - USB@ 3.1 Gen1 up to 5Gbit/s, Ethernet up to 10Gbit/s, HDMI@ up to 8.16 Gbit/s



Gen3 EV Connector

- Per IEC 62196, SAE J1772 C, and GB/T 20234
- Up to 80A AC Charging option
- Customized handles, cables, termini



Fiber Optic

- Termini, savers and cable assemblies integrations in M29504, D38999, M28876, Jewel, NGCON, DSUB, Micro, PHD, and ARINC

Featured Series



APD Series

- 1 to 51-way layouts
- Fully plastic connector
- High power & high voltage
- Sealing: IP67 / IP69K



CA Bayonet Series

- 1 to 140 contact arrangements
- Shell size #10SL to #36
- Reverse bayonet up to IP69K
- RoHS, Reach, Cad-free Plating



CA Threaded / 5015

- 5 polarizations
- Individual wire sealing grommet
- RoHS compliant options
- MIL-DTL 5015 (SAE-AS50151)



KP Series

- 10 shell size, with up to 40 layouts from 2 to 61 contacts
- Sealing up to IP67
- VG95238 & MIL-DTL-26482



KJ Series (38999-style)

- High contact density pin count
- Dual Flange & COTS Panel Mounts
- Fiber Optic, Hermetic, Filter, OctoGig, Twinax, & Quadrax layouts



Plastic Push Pull

- Available in 2 to 14 way variants
- Self-latching mechanism
- Medical grade quality
- 6 keying and 7 color coding options



PowerLock

- 400amp & 660amp continuous current ratings
- 1000VAC / 1000VDC
- Color coded and keyed



Nemesis Series

- 20+ meter sealing
- Dual coupling or Breakaway
- Power, signal & data
- Blind mating design



Trident

- Plastic & shielded metal variants
- Mixed power and signal layouts
- Sealing up to IP67
- All ranges meet UL 94 V-0



SLC/CLC

- Up to 15 Contacts
- Snap-lock / Clip coupling system
- Operating Voltage up to 300 V AC
- Sealing to IP68



Veam CIR/FRCIR

- 1-159 contacts up to 350A
- RoHS or Reach plating
- Per EN 45545-2 NFPA 130
- Power, signal, fiber, or high-speed



Veam VBN

- 15 shell sizes with 4 up to 70 contacts
- Based on MIL-DTL-5015G & VG95234
- Flame retardant & low smoke emissions



EV Connectors

- Per IEC 62196, SAE J1772, and GB/T 20234
- Up to 80A AC Charging option
- SAE J1772 up to IP67



Universal Contact

- 0.3N contact force/ 0.1mm of deflection
- Surface Mount contact 1.3-4.6mm
- Low contact resistance



ARINC Rack & Panel

- ARINC 404 and 600, blind mate with 1, 3, 4, & 6 gang configurations.
- Crimp, Quadrax, OctoGig, power, PCB & wire wrappable post contacts.



Nano

- PCB or Cabling with 9-51 contacts
- 0.025" contact spacing
- 1 amp contact rating



D-Sub

- Mixed Signal / Power, M24308, Crimp, Solder, PC Tail, Double Density, Filter/ Hermetic
- Up to 104 contact



Micro

- High Temperature (+230°C)
- Low profile configuration
- Mixed power, coax and signal layouts & M83513



CTC Series

- 8-way to 24-way layouts
- Simple to install and maintain
- Hand insertable contacts
- Up to IP69K with positive locking



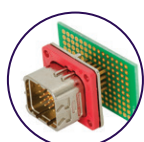
DL Series

- High pin count: 60-440 layouts
- Resilient contact with wiping action directly onto PCB pad
- Min. 10,000 mating cycles



QLC Series

- Min. 20,000 mating cycles
- High pin count: 60-440 layouts
- Single handed locking and actuation
- EMI/RFI shielding



RPR Series (EN4165-style)

- ARINC 809-compatible
- Precision PCB tail alignment
- Front release, rear removable insert
- Straight and right angle contacts



High Speed Termini

- Quadrax, OctoGig™, RF, Twinax, Fiber, HDMI, USB 3.0
- Rapid data from Cat5 to Gb Ethernet to HDMI



No Profile

- High-density, pogo pad solutions with magnetic, breakaway, spring probe or screw-lock coupling designs.
- High-mating systems & sealing level

Whether it's end-to-end fiber optic harnesses, hermetically sealed interconnects for avionic systems, or vibration resistance, power connectors for engines and chassis's, ITT Cannon offers a unique, pedigree of off-the-shelf and customize solutions including:

High Speed and Voltage Termini | RoHS and REACH Plating | Filter and Hermetically Sealed | Cable Assembly

Connect with your ITT Cannon representative today or visit us at ittcannon.com

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