



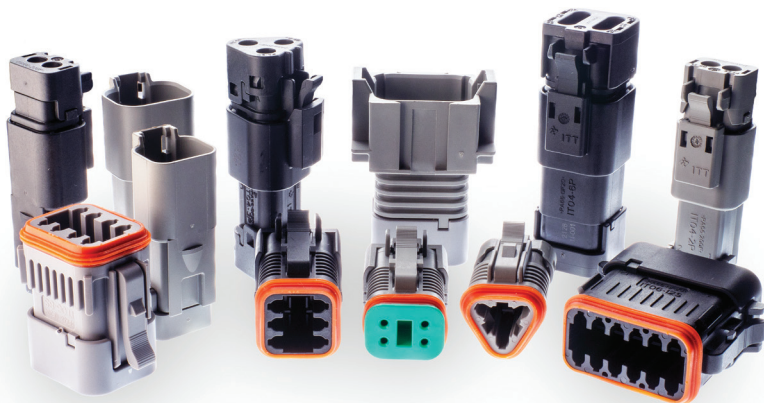
## Cannon IT Series

### Environmentally Sealed Harsh Environment Cable-to-Cable Connectors

Cannon IT Series is an environmentally sealed cable-to-cable connector solution incorporating thermoplastic housings, silicone rubber seals and wedgelocks that delivers rugged performance and superior resistance to moisture and temperature extremes.

The series features an integral latching system that provides visual and audible feedback and stamped and machined size 16 contacts (13A max) that require no special tools for insertion and extraction. Featuring multiple keying options and available in a variety of layouts, it delivers effective and reliable connectivity when it's needed most.

With enhanced sealing retention features and snap-on end-caps across the range, the Cannon IT Series is compatible and intermateable with comparable existing industry solutions incorporating both standard and enhanced seal retention designs.



#### The ITT Cannon Difference:

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

#### Key Features:

- Rectangular thermoplastic shells
- Snap-on end-caps that are removable and serviceable in the field
- Accepts contact size 16 (13A)
- Minimum 200 mating cycles for stamped contacts and 100 mating cycles for machined contacts
- Wire Range: 24-12 AWG (0.25mm<sup>2</sup> - 2.50mm<sup>2</sup>)
- Operating Temp: -55°C to +125°C
- Environmentally sealed: IP67, IP68, and IP6K9K (when mated)
- No special tools required
- Compatible and intermateable with existing industry solutions (standard and enhanced seal retention versions)

### Applications



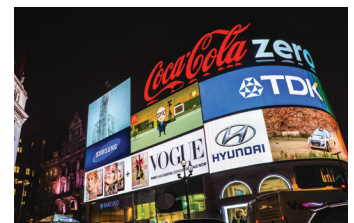
OFF-ROAD VEHICLES



TRUCK AND BUS

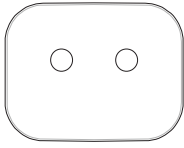
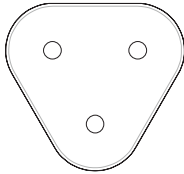
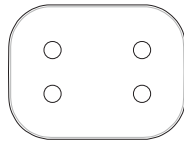
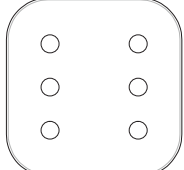
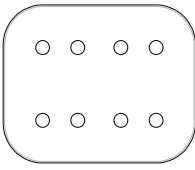
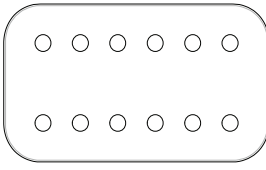


AGRICULTURAL EQUIPMENT

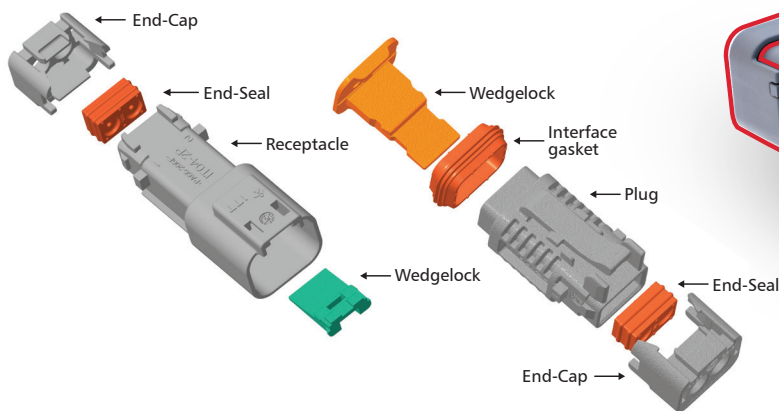


OUTDOOR ELECTRONICS

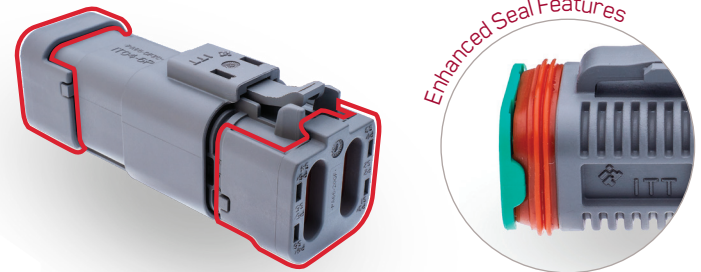
## Configurations

<p><b>ITO*-2*</b></p>  <p><b>Key options / Wedglock colors:</b>                  Non - Orange (Plug), Green (Receptacle)                  A - Gray (Plug), Gray (Receptacle)                  B - Black (Plug), Black (Receptacle)                  C - Green (Plug), Green (Receptacle)                  D - Brown (Plug), Brown (Receptacle)</p>	<p><b>ITO*-3*</b></p>  <p><b>Key options / Wedglock colors:</b>                  Non - Orange (Plug), Green (Receptacle)                  A - Brown (Plug), Brown (Receptacle)</p>	<p><b>ITO*-4*</b></p>  <p><b>Key options / Wedglock colors:</b>                  Non - Green (Plug), Green (Receptacle)                  A - Gray (Plug), Gray (Receptacle)                  B - Black (Plug), Black (Receptacle)                  C - Green (Plug), Green (Receptacle)                  D - Brown (Plug), Brown (Receptacle)</p>
<p><b>ITO*-6*</b></p>  <p><b>Key options / Wedglock colors:</b>                  Non - Green (Plug), Green (Receptacle)</p>	<p><b>ITO*-8*</b></p>  <p><b>Key options / Housing colors:</b>                  A - Black or Gray (Plug &amp; Receptacle)                  B - Black (Plug), Black (Receptacle)                  C - Green (Plug), Green (Receptacle)                  D - Brown (Plug), Brown (Receptacle)</p>	<p><b>ITO*-12*</b></p>  <p><b>Key options / Housing colors:</b>                  A - Black or Gray (Plug &amp; Receptacle)                  B - Black (Plug), Black (Receptacle)                  C - Green (Plug), Green (Receptacle)                  D - Brown (Plug), Brown (Receptacle)</p>

## Exploded View



## Snap-on End-Caps



## Why ITT

ITT is a focused multi-industrial company that designs and manufactures highly engineered critical components and customized technology solutions. ITT's Cannon brand is a leading global manufacturer of connector products serving international customers in aerospace, defense, medical, industrial and transportation end markets. ITT's Connector business, which also includes the Veam and BIW Connector Systems brand, manufactures and supplies a variety of connectors and interconnects that make it possible to transfer data, signal and power in an increasingly connected world.

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