ITT Cannon CTC Series
Environmentally sealed cable-to-cable interconnects

A high performance, cost effective, cable-to cable solution for use in harsh environment applications where reliable signal circuits are critical to operating performance.

ITT Cannon's CTC is an extremely simple to install and maintain connector series that requires no special contact insertion tools or the use of wedge locks or blind seals in order to deliver a sealing rating up to IP69K.

Utilizing ITT Cannon's proven Trident T2P and T3P contact technology, and available in 8-way to 24-way layouts, the CTC Series provides a highly engineered and cost effective harsh environment interconnect solution.

Suitable for a wide variety of applications including heavy equipment, agriculture, truck and bus, automotive and commercial/industrial outdoor electronics, CTC delivers the ultimate in performance - when it matters most.

The ITT Cannon Difference

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

Key Features

- Simple to install and maintain
- Hand insertable contacts (no special tools required)
- No wedge locks or blind seals required
- From 8-way to 24-way layouts
- Up to IP69K sealing with positive locking latch
- Utilizes Trident stamped and machined contacts

HEAVY EQUIPMENT   AGRICULTURE   TRUCK AND BUS   AUTOMOTIVE

ITT Cannon CTC Series.

Part number detail

cannon

Part Number					
Black	Gray	Description	Wire O.D.	Picture	Layout
132015-0134	132015-0159	8-way plug	1.6mm to 1.8mm (2.0mm*)		
132015-0130	132015-0155	8-way receptacle	1.6mm to 1.8mm (2.0mm*)		
132015-0135	132015-0160	12-way plug	1.6mm to 1.8mm (2.0mm*)		
132015-0131	132015-0156	12-way receptacle	1.6mm to 1.8mm (2.0mm*)		

Part Number					
Black	Gray	Description	Wire O.D.	Picture	Layout
132015-0073	132015-0115	16-way plug	1.6mm to 1.8mm (2.7mm**)		
132015-0074	132015-0114	16-way receptacle	1.6mm to 1.8mm (2.7mm**)		
132015-0075	132015-0113	24-way plug	1.6mm to 1.8mm (2.7mm**)		
132015-0076	132015-0112	24-way receptacle	1.6mm to 1.8mm (2.7mm**)		

Part Number			
White		Description	Picture
192991-0018		Sealing plug	

Wire Size	Wire Range mm²	Wire Outer Dia. mm (in)
24 AWG	0,20 - 0,25	Ø 1,60 (.062) minimum
22-20 AWG	0,32 - 0,50	Ø 1,60 (.062) – 1,80 (.071)
18-16 AWG	0,75 - 1,50	Ø 1,60 (.062) – 2,70 (.106)

See the full CTC Series brochure for additional details on contacts, tooling and assembly instructions.

ITT Cannon has the ability to manufacture these connectors in a wide range of colors. Please contact your local ITT sales representative for more details.

* 2.0mm O.D. wire can be used for 8 and 12-way layouts but only for 50% of contact cavities equally distributed.
** 2.70mm O.D. wire can be used for 16 & 24-way layouts but only for 50% of contact cavities equally distributed.

Why ITT

ITT is a focused, multi-industrial company that designs and manufactures highly engineered critical components and customized technology solutions. ITT Cannon is a leading global manufacturer of connector products serving international customers in the aerospace and defense, industrial and medical end markets. We design and engineer a variety of interconnect solutions that make it possible to transfer data,signal and power in an increasingly connected world.

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

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