



Rock-in-Lock™ (RIL) Latching Connector

Advanced design and quick connect mechanism offer improved signal integrity, data transfer and time savings for soldiers and first responders in the field

ITT Cannon's Rock-in-Lock [RIL] Latching Connector provides reliable signal integrity with a quick latching mechanism for use in the harshest environments. The RIL is designed as a small receptacle connector about the size of a flash drive that can be worn on a soldier or first responder's helmet or attached to field-use computer tablets and communication units. It is low profile, lightweight and capable of transferring a significant amount of power or data that is needed to run everything from augmented reality goggles to tactical combat radios.

But what customers are most enthusiastic about is how easy it is to plug and unplug. RIL is a single-handed connector that allows the user to blindly install the mating interface, without the need for a special mechanism like a thumbscrew, latch or coupling tool. RIL is a push-and-plug connector that is the true definition of a quick connect.

The CANNON Difference

- Improved signal integrity, data transfer and time savings
- Field adaptable, easy to use
- Smaller, lighter design package and configuration
- High performance and reliability in the harshest environments

Key Product Features

- True quick connect mechanism
- Fast coupling and uncoupling
- Low profile
- Lightweight
- Submersible up to 2M

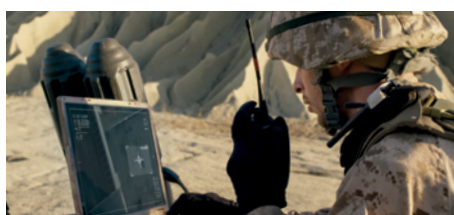


Markets & Applications



DEFENSE

TRACKING & REPORTING, BATTERY
POWER & CHARGING



MILITARY

3-D IMAGING, NIGHT VISION, RADIOS,
HEADSETS, TABLETS



FIRST RESPONDERS

COMMUNICATIONS, SITUATIONAL
AWARENESS, GPS



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How to Order | Part Number Configurator

	RIL	P	32	PG	T	B	A	**
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Series
RIL Rock-in-Lock

Shell Style
P Plug
R Receptacle

Layout (# Contacts)
10
12
20
32
46

Contact Style
PP Pogo Pad Contact
PG Pogo Contact

Termination type
T Straight PCB Tails
S Solder Contacts
F Fork Contacts

Finish Code
B Black Electroless Nickel
N Electroless Nickel
Z Black Zinc Nickel

Polarization Code
A Normal
B Clocking Position B
C Clocking Position C

Modification Codes
Consult Factory for other Modification Codes
Blank - No Mod
PCB or Pigtail Options
Modular Options (i.e. 10 + 10)



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 www.ittcannon.com

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