

APPLICATION NOTE

www.ittcannon.com**VEAM CIR**

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The Challenge

A versatile and highly reliable circular connector with the ability to mix power, signal, coax, or pneumatic contacts within a single insert arrangement and designed to meet the demands of harsh environment applications.



The ITT Solution ...

The VEAM CIR Series is the most versatile electrical, optical and pneumatic multi-pin connector available today.

Applications

- Mass Transit
- Military / Defense
- Nuclear
- Industrial
- Geophysical
- Entertainment

Features

- Quick quarter turn coupling
- High shock 50 g's and vibration resistance 20g's without lockwires
- Audible, visual and tactile indication of full coupling
- Waterproof to 10 meters (33 ft) 12 hours (14.7 PSI)
- 2,000 couplings minimum
- Elastomer temperature ranges:
 - 55° C to + 125° C. Neoprene
 - 70° C to + 200° C. Silicone
 - 50° C to + 200° C. Viton
 - 40° C to + 165° C. FR (flame retardant)

Benefit to the Customer

- No coupling threads to gall or bind due to wear or contamination.
- Reliable performance in hostile environments.
- High durability.
- Environmental sealing.
- Range of options for terminating individual wires, jacketed cable, braided shield, and conduit.
- Keyway orientation prevents mis-mating.
- Insert options from 1 to 159 contact positions.
- Wide variety of shell styles, materials and plating options.

For application assistance, please contact:

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