

APPLICATION NOTE

www.ittcannon.com

D-Sub Stainless Steel Shells

The Challenge

Acknowledging ITT Cannon as the inventor of the D-Sub connector family, our customers recently approached us to create a corrosion resistant variation of our versatile D-Subminiature product range. These customers required that the connector be able to operate in a highly corrosive environment and be RoHS compliant and designed to be comparable to MIL-Spec.

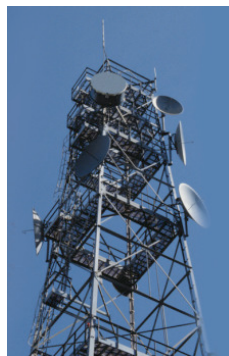


The ITT Cannon Solution

ITT identified a solution equipping the D-sub line connectors with stainless steel shells and hardware. The resulting product meets stringent requirements for corrosion resistance using MIL-Spec “P” grade stainless steel, while meeting JEDEC standards for RoHS compliance. This product variation now represents a standard addition to our D-Sub product portfolio.

Applications

- Telecommunications
- Aerospace & Marine
- Petrochemical
- Pharmaceutical



Product Features

- Maximum current/contact: 40 Amp
- RoHS compliant
- High strength
- Intermateable with standard D-sub connectors
- Endurance: Continuous exposure to salt spray and corrosive chemicals
- 5 shell sizes: E, A, B, C, D
- Available in standard and high density sizes:
 - 9 through 50 contact patterns in standard sizes
 - 15 through 78 contact patterns in high density sizes

Benefits to the Customer

- Medical / Pharmaceutical grade
- Corrosion resistant
- Reliable robust D Sub design
- Orderable as base part number with F225 shell designator
- Orderable directly from ITT Cannon or our authorized ITT Cannon distributors

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Our facility is not currently certified by the DLA and this product is not covered by the QPL/QML.