Non-Magnetic D-Sub Connectors and Cables

FCT Non-Magnetic D-Sub Connectors and Cables are 100% tested to meet industry-standard permeability $\mu_r \leq 1.0025$ to provide effective solutions for advanced imaging equipment in medical, industrial and scientific applications.

**Features and Advantages**

- FCT’s comprehensive range of D-Sub connectors and cables are available in non-magnetic ferrous materials and tested to industry-standard permeability.
- Meets the application requirements of industrial and medical applications; 100% of non-magnetic connectors and cables are tested to industry-standard permeability $\mu_r \leq 1.0025$.


- All standard and high-density contacts are available in non-magnetic versions.
- Provides a wide range of contact options for non-magnetic applications.

A comprehensive range of non-magnetic D-Sub connector backshells and accessories is available.
Enhances the options available to meet almost any design requirement.

Non-magnetic D-Sub cable assemblies meet industry-standard permeability requirements at both the component and assembly levels.
Guarantees product safety and reliability for non-magnetic applications.
## Specifications

### PHYSICAL (D-SUB CONNECTORS)
- **Shell:** Brass (non-magnetic)
- **Shell Plating:** Tin
- **Contact:** Copper alloy
- **Contact Plating:** Gold
- Connectors 100% tested to industry standard permeability $\mu_r \leq 1.0025$
- All other specifications for FCT D-Sub connectors and components remain unchanged: standard, high-density and mixed-layout D-Sub connectors, plus contacts

### PHYSICAL (METAL BACKSHELLS)
- **Shell:** Zinc die-cast
- **Shell Plating:** White bronze (non-magnetic)
- **Locking Screws:** Brass (non-magnetic)
- **Locking Screw Plating:** Tin (non-magnetic)
- **Cable Clamp:** Zinc die-cast
- **Cable Clamp Plating:** White bronze (non-magnetic)
- Metal backshells 100% tested to industry-standard permeability $\mu_r \leq 1.0025$
- All other specifications for FCT metal backshells remain unchanged

### PHYSICAL (PLASTIC BACKSHELLS)
- **Shell:** PC+ABS
- **Shell Plating:** N/A
- **Hardware:** Brass (non-magnetic)
- **Hardware Plating:** Tin (non-magnetic)
- Plastic backshells 100% tested to industry-standard permeability $\mu_r \leq 1.0025$
- All other specifications for FCT plastic backshells remain unchanged

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**Markets And Applications**

**Medical**
- Medical resonance imaging (MRI)
- Patient monitoring
- Diagnostic equipment

**Industrial**
- Metal detectors
- Control panels

**Scientific**
- Test equipment and measurement

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[www.molex.com](http://www.molex.com)/link/dsubconnectors.html

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