

Non-Magnetic D-Sub Connectors and Cables

Non-Magnetic D-Sub Connectors

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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.

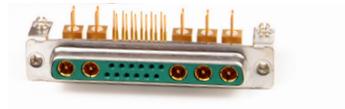
Features and Advantages

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 $\mu r \leq 1.0025$

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 Connectors (Left to Right)
Standard-Density, High-Density and Mixed-Layout Configurations



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



All standard and high-density contacts are available in non-magnetic versions

Provides a wide range of contact options for non-magnetic applications

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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



Medical Resonance Imaging



Airport Metal Detectors

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

www.molex.com/link/dsubconnectors.html

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