

NON-MAGNETIC SMP SOLUTIONS

Amphenol RF offers a variety of non-magnetic SMP connectors and adapters constructed from non-ferrous materials and platings. These high-performance RF interconnect feature low magnetic field susceptibility and no electric field distortion while providing the same reliable connections for board-to-board and board-to-cable as standard SMP products. Non-Magnetic SMP options are ideal for sensitive applications such as medical, aerospace and quantum computing.



FEATURES & BENEFITS

- 50 Ohm impedance
- Reliable electrical performance up to 40 GHz
- Available in various detent types: smooth bore, limited and full detent
- Engineered from non-ferrous materials and platings
- Snap-on locking mechanism
- Radial and axial float provides board-to-board misalignment correction
- PCB spacing options based on bullet adapter length

APPLICATIONS

- Magnetic Resonance Imaging (MRI)
- Magnetic Resonance Angiography (MRA)
- Patient Tracking Systems
- Military/Aerospace
- Quantum Computing Components

CORE COMPETENCIES

- Blindmate connector systems
- Custom cable assemblies and sub-systems
- Ruggedized products offering dust, vibration and corrosion resistance
- Quick mating and quick disconnect RF connectors
- Customized hybrid solutions supporting RF, signal and power

SMP PRODUCTS



PCB JACKS



CABLE PLUGS



BULLET ADAPTERS



MCX
50 & 75 Ohm



MMCX
50 Ohm



SMB / Mini-SMB
50 & 75 Ohm



SMP
50 Ohm

ALSO AVAILABLE