

SUPPORTING MEDICAL REQUIREMENTS GLOBALLY

Amphenol RF leads the industry in the design and development of high-reliability RF interconnect for mission critical medical applications. Our broad portfolio of standard product lines support current and next generation infrastructure. Custom products are available to meet all necessary design specifications.

APPLICATIONS

- Patient Monitoring Systems
- Wearable Medical Devices
- Telehealth & Telemedicine
- Real-Time Location Systems
- RFID
- Wireless Sensor Networks
- Nurse Calling Systems
- Visitor Monitoring and Alarms
- MRI
- RF Ablation
- Diagnostic Equipment
- Surgical Robots
- Ventilators
- Operating Room Video

OUR CORE COMPETENCIES

- Waterproof IP67/68 sealed solutions ideal for wet environments
- Ruggedized products
- Quick mating and quick disconnect RF connectors
- Customized hybrid solutions supporting RF - signal and power
- Blindmate connector systems
- Custom cable assemblies and sub-systems

PRODUCTS



AMC/ AMC4
50 Ohm



BNC
50 & 75 Ohm



HD-BNC
50 & 75 Ohm



QMA
50 Ohm



SMA
50 Ohm



TNC
50 & 75 Ohm

NON-MAGNETIC OPTIONS AVAILABLE

Non-magnetic coaxial connectors are essential for carrying RF signals within the magnetic field of MRI equipment where a high signal-to-noise ratio (SNR) is required. These connectors are engineered specifically to perform in this environment without being electrically compromised, allowing the equipment to function safely and effectively.



MCX
50 & 75 Ohm



MMCX
50 Ohm



SMB/ Mini-SMB
50 & 75 Ohm



SMP
50 Ohm



MEDICAL APPLICATION MATRIX

SERIES	IMPEDANCE	TEMPERATURE SCANNERS		PATIENT MONITORING		WEARABLES		TELEMEDICINE		REAL-TIME LOCATION		RFID		WIRELESS SENSOR OR NETWORKS		NURSE CALLING SYSTEMS		VISITOR MONITORING		MRI		RF ABLATION		DIAGNOSTIC EQUIPMENT		SURGICAL ROBOTS		VENTILATORS		OPERATING ROOM VIDEO	
AMC	50 Ohm			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
AMC4	50 Ohm			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
BNC	50 Ohm			●																			●	●		●					
BNC	75 Ohm	●																												●	
HD-BNC	50 Ohm	●					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
HD-BNC	75 Ohm	●																												●	
QMA	50 Ohm																						●	●	●	●	●	●	●	●	
SMA	50 Ohm	●					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
TNC	50 Ohm		●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
MCX	50 Ohm		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
MCX	75 Ohm																													●	
MMCX	50 Ohm			●																			●	●	●	●	●	●	●	●	
SMB	50 Ohm																						●	●	●	●	●	●	●	●	
SMP	50 Ohm																						●	●	●	●	●	●	●	●	

● Non-Magnetic Connectors may be required

ALSO OFFERING

FIXED LENGTH CABLE ASSEMBLIES

Pre-configured cable assemblies featuring common connector and cable configurations available in standard lengths.



ADAPTERS

Designed for applications requiring two RF interfaces (between-series or in-series) to be connected together.

