

Non-Magnetic RF Connectors

MCX, MMCX, & SMP

When failure is not an option, the use of non-magnetic materials within medical devices is the optimal solution for avoiding problems that can arise due to the presence of magnetic fields.

Winchester Interconnect™ offers non-magnetic MCX, MMCX, & SMP RF connectors suited for imaging devices such as MRI, and other monitoring equipment. These non-magnetic connectors are small and lightweight with bodies made from durable brass (gold or nickel plated) or copper alloy. They meet strict medical specification standards, including electrical, mechanical, and environmental. Each connector is manufactured to the highest production and quality system criteria, assuring the consistent delivery of a highly reliable product to our customers.

Winchester is a leader in medical interconnect technology and we are confident we can help with your custom design for any application where the requirements cannot be met by off-the-shelf components. Product design and development are core specialties of Winchester Interconnect.

Features

- Electrical
 - Impedance: 50 Ohms
 - Frequency Range: DC to 4 GHz, 6 GHz, or 8 GHz
- Mechanical
 - Mating: Snap-On
 - Durability: 500 Cycles Minimum
- Material
 - Body: Brass
 - Outer/Center Contacts: Brass
 - Insulator: PTFE
 - Ferrule: Copper Alloy
- Finishes
 - Body: Gold over Copper

Part #	Description
3226-900-A0002Z	MMCX R/A PLUG RG-178 NON-MAG
3226-900-LE101Z	MMCX RA LEONI MICRO - NON-MAG
3606-900-A0001Z	MCX R/A PLUG RG-178 NON-MAG
3616-900-A0001Z	SMP RA PLUG RG-178 NON-MAG
360A-060-00402Z	MCX PCB STR RECEPT NON-MAG
322A-060-00401Z	MMCX ST PCB NON-MAGNETIC