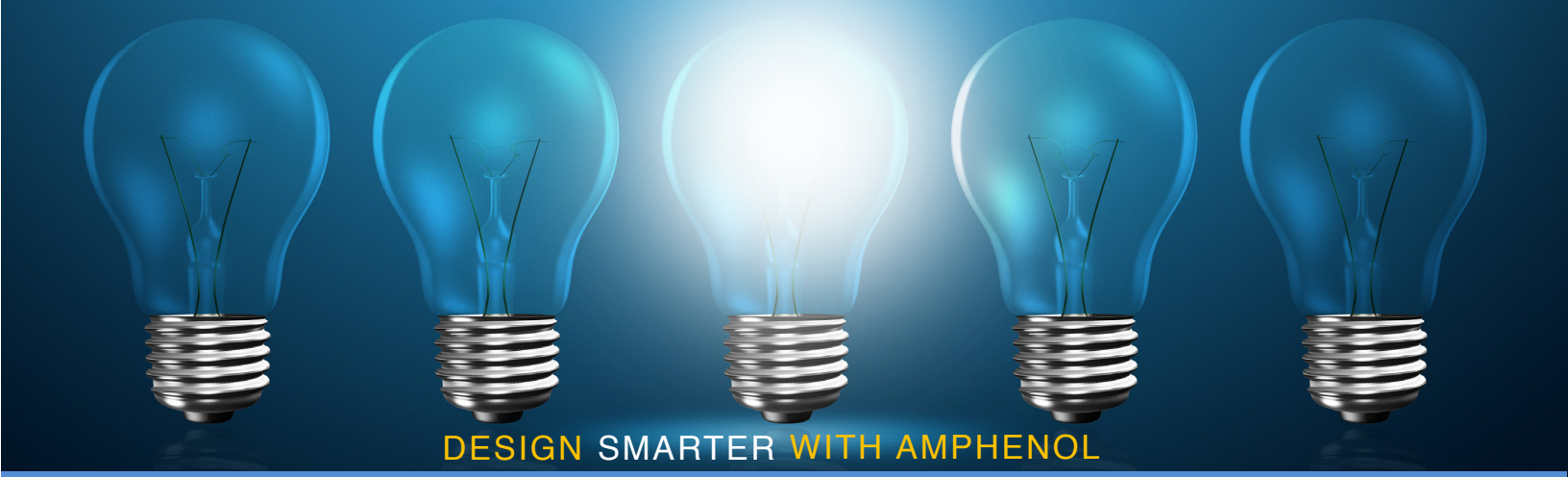


DESIGN SMARTER WITH AMPHENOL

Amphenol RF provides RF solutions for the Military, Broadband, Wireless Infrastructure, Industrial, Automotive, OEM, Heavy Equipment and Telecommunications markets. They are able to leverage the highly diversified industry footprint Amphenol commands, to offer unique and highly technical RF solutions for tomorrow's innovations.

Product Spotlight

AFI line of floating interconnect connectors come in 75 and 50 Ohm. Some of the key applications where these connectors will be used are CMTS, Wireless and military applications. The floating interconnect line of connectors offer the highest level of float, AFI has undergone extensive field testing for 7 years and is proven to out perform and outlast the competition. ***www.amphenolrf.com/afi***

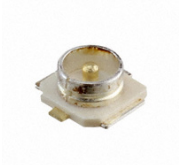
HD-BNC delivers true 50 and 75 ohm performance in a footprint 51% smaller than traditional BNC connectors, allowing 4x's the density, and 40% smaller than the DIN 1.0/2.3. The HD-BNC connector features the trusted, push and turn interface providing tactile feedback and a positive lock for quick and guaranteed mating. ***www.amphenolrf.com/hdbnc***

ARC line of ruggedized connectors are engineered for superior performance. They are designed to operate in extreme conditions. These connectors are fully submersible, as well as, designed to handle the harshest of elements. Line comes in Type N and Type TNC, as well as, with or without cables. ***www.amphenolrf.com/arc***

To produce coaxial connectors and cable assemblies both high volume and in high quality, Amphenol RF utilizes the most advanced manufacturing technology in the industry, coupled with employee and vendor training in Statistical Process Control (SPC). The result is on time delivery of price competitive products, which meet the most exacting RF and data systems requirements either military or commercial. From prototype connector and cable assembly designs through evaluation samples and test data to full production runs and stocking programs, Amphenol RF is dedicated to customer satisfaction. Whether the objective is higher performance or lower installed cost, a product modification or a totally new connector configuration, Amphenol RF is prepared to meet the needs of your application.

Interfaces

(Interfaces are in order of size, from smallest to largest)



AMC Amphenol Micro Coaxial (AMC) Connectors is used in applications with 50 Ω impedance requirements. AMC connectors are low profile (2.5 mm of the board) and offer an extremely small board footprint (3mm x 3mm). U.FL Compatible

SMPM Micro-miniature connectors that offer frequency performance in the smallest packages available. Ideal for board to board applications, these connectors are also designed for semi rigid cable.

SMP Subminiature connector with a frequency range up to 40 GHz. Used in miniaturized applications and features both push-on and snap-on mating styles.

MMCX Micro-miniature connector with a lock-snap mechanism allowing for 360 degrees rotation on a printed circuit board. Conforms to the European CECC 22000 specification and comes in surface mount, edge card, and cable connectors

MCX Snap-on subminiature connector that conforms to the European CECC 22220. Since the MCX has identical inner contact and insulator dimensions as the SMB while being 30% smaller, it provides designers with options where weight and physical space are limited.

1.0/2.3 50 Ω connectors operating from 0-10 GHz. This compact connector features a push/pull coupling mechanism for quick installation. The 1.0/2.3 series complies with DIN 41626, DIN 47297, and NFC 93-571 international specifications.

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SSMB Micro-miniature connectors with snap-on mating interface allowing quick installation in small spaces with excellent performance in devices up to 4 GHz.

SMB line features a snap-on coupling mechanism. Available in 50 Ω, 75 Ω, and miniature 75 Ω.

FAKRA SMB Utilizes a standard metal SMB connector embedded within a plastic housing with multiple colored codes for easy identification and key codes. Based on the FAKRA and USCAR standards.

SMC Medium-sized 50 Ω threaded connectors designed to meet MIL-C-39012 category D as generated by the US Air Force.

SMA Subminiature connectors with a threaded coupling mechanism that perform through 18 GHz. Available in standard, phase adjustable and reverse polarity.

QMA connector is a quick disconnect version of the SMA, shares the same internal construction, which allows the connector to have excellent performance

Mini BNC Micro-miniature connectors with 75 Ω with acceptable return loss up through 1 GHz and f eatures a bayonet locking coupling mechanism.

BNC most extensive connector line features bayonet-style coupling for quick connect and disconnect. Available in 50 Ω, 75 Ω, and 50 Ω reverse polarity.

Twin BNC Used with 78 Ω and 95 Ω conductor cables and operates from 0-200 MHz. With shielding characteristic of >30dB, these connectors are used in balanced low level and high sensitivity circuits.

Type F 75 Ω impedance connector features a threaded coupling and is ideal for CATV applications, 30dB return loss to 1 GHz. Primary applications are for cable television (CATV), set top boxes, and cable modems.

TNC Features screw threads for mating is threaded version of the BNC connector. The TNC is a 50 Ω connector available in both standard and reverse polarity.

Mini-UHF The threaded coupling connector is perfect for a variety of low frequency applications where cost is the primary consideration.

UHF 300 MHz frequency general purpose connectors for low frequency systems.

Type N Available in standard N and corrugated N cables, the Type N is a durable, weatherproof, medium-sized connector consistent through 11GHz. Also available in quick-connect (QN).

7/16 7mm OD of inner contact, 16 mm ID of outer contact. Designed for use in communications systems with power levels of 100 watts per channel.

Adapters In-Series Adapters have two different interfaces within the same connector series, while Between Series adapters have interfaces from different connector series. A broad line of adapters are offered covering all the major series to provide our customers with maximum flexibility.

Cable Assemblies Fixed length cable assemblies and custom solutions are available for most RF connector series. Various cable types are available: flexible, semi-rigid, rigid, double braided and shielded, and corrugated. 100% tested. We also offer a wide range of standard and custom AMC right angle plug jumpers.

Accessories We offer an assortment of accessories such as grounding lugs, hex nuts, terminators, cap & chains, and more to meet all our customers' needs.

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