RF/Coaxial/Antenna Connector

2.92mm Series

2.92mm connectors are designed for field systems use up to 40 GHz. These designs are to supersede and replace Anritsu 'K" connectors which are intended for laboratory test environment.

The structural features of 2.92mm provide a reliable field service connector with low VSWR by incorporation engineering proven microwave transmission line principals.

2.92mm series is mechanically compatible with SMA and 3.5mm connector series. They have high mechanical stability and excellent repeatability. The shortened male pin ensures a non-destructive mating process. Connector designs for 2.92mm series are available semi-rigid cable, receteacles and assemblies precision *adapters*.

SSMA Series

SSMA Series are Miniature 50ohm with identical construction to the SMA connectors but offer greatly reduced dimensions. The working frequency is up to 38 GHz. They are recommended for use on equipment having limited component space.

SSMA connectors are microminiature RF connectors with a screw-coupling, which are similar to SMA series but designed for smaller diameter semi-rigid acble.–
Although smaller in size, they can provide repeatable electrical performance from DC to 38 GHz.

1.6/5.6 DIN Series

1.6/5.6 coaxial connectors are miniature 75 ohm units with threaded coupling mechanisms which provide positive mating. The compact design of the 1.6/5.6 permits dense connector packing, making these connectors ideally suited to applications where space limitations is a important factor.

1.6/5.6 connector are miniature 75 ohm with threaded coupling/snap-on mechanisms which allows easy connection and disconnection., It provides repeatable electrical performance from DC to 1GHz in application of telecommunication, switching equipment and routers.

MMCX Series

MMCX. micro-miniature connectors are designed with a 50 ohm characteristic impedance. The working frequency is up to 6 GHz. The reliable snap-on mating design offers "low RF-leakage". Also, the small dimensions allow you to use the connectors where space requirements are critical.

The major application for MMCX series connectors are PCMCIA cards & other small hand-held communication devices.

The MMCX connector are designed for the smallest dimensions, and provide repeatable performance from DC up to 6GHz. The locking consists of a reliable "snap on" mechanism which is also *responsible for delivering excellent electrical parameters during use*. Due to the nonslotted outer conductor, the MMCX connection has a low RF-leakage.

SMA

SMA connectors are semi-precision, subminiature devices that provide repeatable electrical performance from DC to 12.4GHz with Flexible cable. The frequency range can be extended to 18GHz with semi-rigid cable. The SMA is available in a broad variety of mounting styles, brass, stainless steel body types, and assorted cable affixement methods.

Semi-rigid cabling extents the frequency range of the device to 18 CHz. These devices offer broadband performance with low reflection and constant 50 ohm impedance. These properties, along with minimum attenuation and low VSWR have made the SMA extremely popular in the microwave community.

The SMA design has been broadened to accormodate many interconnect requirements and is available in pressure crimp, clamp and solder terminal attachments. SMA design parameters have incorporated the considerations of balancing cost, size, weight and performance to yield the best value in your microwave system. Among typical applications are components such as dividers, mixers, amplifiers, trimmers and attenuators. SMA connectors are also used to provide interconnections from printed circuit board stripliness to coaxial cable.

1.0/2.3

The 1.0/2.3 connectors are smaller in size with application up to 4 GHz that are reliable in broadband performance and popularly used in telecommunication system. With its high mechanical strength, high durability; the push-pull on coupling latch can provide better solution to prevent accident disconnection.

1.0/2.3 coaxial connectors are miniature 50 ohm units with threaded coupling mechanisms which provide positive mating. The compact design of the 1.0/2.3 permits dense connector packing, making these connectors ideally suited to applications where space saving is factor.