

SMA CONNECTORS

The radio frequency (RF) connectors are designed to maintain the impedance of transmission line. They are designed to work at radio frequencies and are mainly used with coaxial cables. In this range, SMA connectors (SubMiniature version A) are designed to use for the RF frequencies up to 18 GHz. This type is available in two major forms including "male" and "female". Similarly, SMA connectors with standard or high performance levels are generally manufactured with brass or stainless steel bodies. Other SMA connector options include quick disconnect (QD) or standard configurations. Mainly, they are built to be used in RF and microwave industry for safeguarding RF components against high-level currents and signal reflection. The industries where they are commonly used are telecommunication, wireless LAN, tracking systems, radar operations, precise testing instrumentation and vehicle tracking system.

SMA connectors constructed with the commercial grade brass coated with the nickel or gold plating are the high performance range of connectors. They provide approximately 30% cost reduction in all the major industrial applications. Whereas, the phase adjustable SMA provide ease of mechanical screw adjustments, which is quite better in comparison to the delays and expense of laborious cable-trimming. They are able to provide broadband performance DC up to 18 GHz with low reflection stainless steel construction and $\frac{1}{4}$ - 36 threaded coupling offers high performance in a compact design.

SMA are available for .085" and .141" diameter semi-rigid cables and all the standard flexible cables including double shielded RG-316. The non-magnetic versions of SMA are also available in the market along with threaded coupling. They are also enabled with the space-saving vertical mating and sub-miniature design. SMA connectors are ideal to use for wireless and GPS enabled functions and suitable to use in medical applications.

Day by day increasing demands of SMA connectors, have made the manufacturers to provide them at suitable rates, so that the needful industrialists can purchase them with ease. In addition, customers can browse through the range of all types of SMA at online stores along with the list of manufacturers. On these sites you can get the best product at excellent amount. Online suppliers are fair in dealing with people and render only quality services to their clients.

There are any other benefits associated with the online shopping, in which the foremost one is timely delivery of orders, trustworthy money transaction, and others are quality products manufactured with extreme care under the supervision of experts. Hence, always prefer to go for online purchase that will let you to choose the quality product in appropriate price range. SMA connectors in order to maximize the performance of the Wi-Fi enabled signals or LAN. Before purchasing them from the market, always put main emphasis on the quality of connectors, so as to ensure their standard performance.

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