Article published on May 19th 2012 | Business

An F connector is defined as a coaxial cable connector that comprises two wires. One of these is the signal wire and the other one is the ground wire. This component is often used for connecting antennas and set-top boxes to televisions or other devices such as DVD players. In most cases, these components are capable of carrying NTSC signals. The socket features a threaded interior which makes it easy to secure. On the other hand, the plug could be either threaded or unthreaded and are designed to fit the threaded socket.

The demand for this particular component soared with the advancement in the field of satellite television and various telecommunication technologies. Prior to these connectors becoming popular, UHF cables and twin-lead cables were commonly used. However, the F connector presented a more inexpensive and reliable connection method, thus becoming most popular. It is also capable of providing a high usable bandwidth that can stretch up to several GHz.

A number of manufacturers make these components for indoor as well as outdoor use. The outdoor varieties are more weather resistant and less prone to corrosion. In order to install this component, it needs to be soldered. Though a number of clip-on or push-on versions are also available, they do not provide a highly secure connection, leading to poor shielding against transmissions in the nearby vicinity.

This component can be classified under screw machine products. Today, they are widely used for transmitting analog and digital radio frequency signals. However, to establish a secure connection, it is important to find a connector that fits your cable perfectly. Depending on different cable sizes, there are different connectors that are offered by manufacturers. It must also be borne in mind at all times that one should never work with a live cable as it could lead to a shock hazard or could even cause a short circuit.

Do remember to check if your chosen connectors meet the 3/8-32 thread specifications. Sometimes, these connectors might have to be used in areas that are susceptible to high vibrations or shaking. In such a case, it is important to choose components with a special torque retaining connectivity that offers high levels of reliability. These screw machine products are used in a variety of applications that include cable assemblies, cable television, cable modems, set top boxes, terrestrial television, and head end equipment.

If you need to ensure superior performance and connecting needs, it is important to invest in an F connector range that has been manufactured by a noted and experienced firm. This would also ensure that the components you invest in meet the highest industry benchmarks and are safe for use under various transmission and distribution conditions.

Article Source:
http://www.articleside.com/business-articles/why-the-f-connector-is-vital-in-transmission-and-distribution.htm - Article Side

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I have many years of experience in electronic manufacturing industry. a F connector is essential

components in high speed cable modem, hybrid fiber coax networks and many more. I passionate about helping businesses succeed by sharing my knowledge related to desired a screw machine products in New York. If you are looking for such type of manufacturing components you shouldn't start your search before you have a quick peak over here.

Article Keywords:
screw machine products, f connector, screw machine parts, pl-259 connector, n connector

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