The Uses and Attributes of a PL-259 Connector

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The radio and electronics industry has seen an upward growth graph in the recent past. This has also led to a parallel increase in the demand for the PL-259 connector. This connector is used for securing reliable and long-lasting connections for radio and electronic communication devices. If you are planning to use this connector for any of your applications, it is vital to know that it needs to be soldered in order to be secured.

This component has been in use since the 1940s and with the proliferation of the communication sector, the demand for the connector has only risen. When it was invented, it could carry signals in the range of 1 GHz. However, with further research and development, this component could also be used for applications that ranged up to as much as 18GHz. The underlining factors of these components are their superior quality, cost effectiveness and great performance.

These products can be classified under the screw machine products category. Other components such as the F connector and N connector are also sometimes used in conjunction with these products.

If purchased from a reputable manufacturer, you can expect the PL-259 connector to be designed for the most demanding performance standards. In fact, when it comes to transmitting frequencies under 400MHz, this particular component is regarded as the most popular one. Needless to say, it is used for several wide ranging applications. If soldered well, these components can also stand a significant amount of vibrations and impact. To ensure the safety of your overall process, it is important to purchase components that are made in adherence with industrial safety codes.

There are several underlining characteristics of these connectors that you should be aware of, if you plan to invest in them. Hereâ€™s an overview of the same:

â€¢It is vital to ensure that these connectors are compatible for use with large diameter coaxial cables, such as the RG-8/U, RG213, RG214 and the Beldon 9913 cable.

â€¢Apart from the large diameter cables, being able to use this connector with smaller diameter cables is a desirable trait. For instance, you should be able to use it with cables such as the RG-58/U and RG-59/U with the UG-175/U and UG-176/U adapter sleeves.

â€¢A critical part of this component is its solder termination. This part determines the ability of the connection to remain secure for a very long time span. With some innovation, manufacturers now offer solder termination that doesnâ€™t require the use of special tools, thus saving you considerable time. Most manufacturers offering these components also offer other screw machines parts such as the F and N connector.

â€¢Apart from being low cost and easy to install, the PL-259 connector should also feature a high quality PTFE (Teflon) dielectric for added safety while installation and functioning.

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I have many years of experience in electronic manufacturing industry. PL-259 connector is essential components in antennas, cable assemblies and many more. I passionate about helping businesses succeed by sharing my knowledge related to desired a PL-259 connector and desired a F connector New York. If you are looking for such type of manufacturing products and connectors you shouldn't start your search before you have a quick peak over here.

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