

# Custom Cable Assemblies

## RF & Signal Solutions

meeting customer specific needs for exact applications

<p>zzFlexible RF Assemblies</p> 	<p>50Ω Common Connector Styles include; SMA, MCX, MMCX, TNC &amp; Type-N on RG178, RG316, RG142, RG400, RG58 + others</p> <p>75Ω Common Connector Styles include; MCX, SMB, Type-F &amp; BNC on RG179, RG59 &amp; RG6</p>
<p>Semi-Rigid &amp; Conformable</p> 	<p>50Ω Common cables used include 0.086", 0.141" &amp; 0.250". All types and styles of connectors are common.</p> <p>75Ω versions available using 0.086" Conformable commonly with MCX, SMB and Type-F Connectors.</p>
<p>D-Sub Assemblies</p> 	<p>FCT's extensive range of D-Sub's in both Standard and High Density support a wide array of applications, especially when mixed with alternative technologies. FCT's also has one of the industries best ranges of Mixed Signal Connector ranges.</p>
<p>Power Assemblies</p> 	<p>FCT finds that often, many of its customers also require simple jumper cables or moderately complex power or signal harness assemblies. FCT possess a full array of applicators for Molex, Tyco and others to support the manufacture of assemblies with these components.</p>

As a leading manufacturer of Interconnect Solutions for both Signal and RF applications, FCT Electronics also support custom cable assembly requirements involving both FCT and non FCT Interconnect products.

Our process starts at design, initiated by FCT or by our customer. FCT has the ability to model all electrical performance characteristics if required to validate the design through computer simulation.

Next, we focus on providing first articles or samples to provide our customer with confidence in what we wish to supply them. We are happy to build to print or offer cost reduced alternative solutions.

Finally we have all the capabilities to launch in the production regardless of the volume required, from 10pcs to 10million pcs.

FCT maintains a North American Cable Manufacturing facility in Torrington, CT which supports customer across applications including Telecom, Broadband, Medical, Industrial Control, Test & Measurement and Military and Aerospace. The facility is fully capable of supporting quick turn requirements as well as a full range of test and conditioning specifications.

FCT also has its own "Low Cost" manufacturing facility in Thailand and itself can produce cables in volume of 1,000 and up. This facility is fully functional with all in house cable conditioning and test equipment.

Often, by their nature, cable assembly requirements are custom, however, FCT does have many standard well maintain processes and documentation standards to guarantee the high levels of quality required by our customers. In addition, FCT does produce some standard cable assemblies that are both available via distribution and direct from the factory for both common RF and Signal configurations.

FCT Electronics is very proud to be associated with the supply of cabled products to some of the electronics industries major players.

