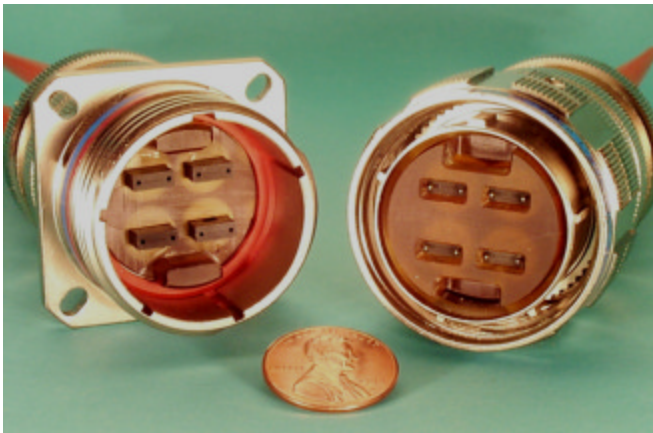
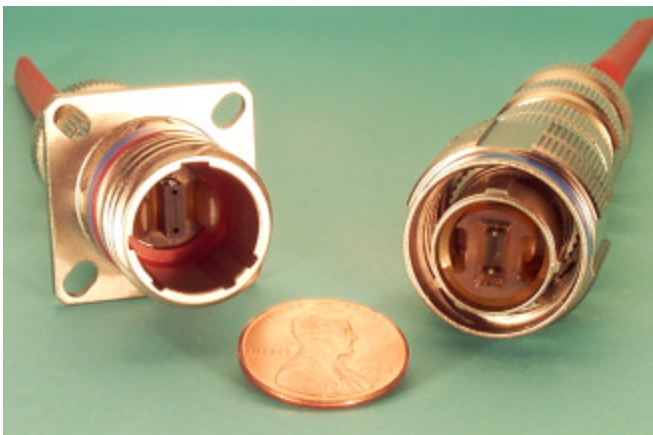


Amphenol Aerospace

Cylindrical MTC Connectors

The “[MTC](#)” is the latest in Fiber Optic Cylindrical Connector Development. It incorporates the commercially available Fiber Optic “MT” 12 Channel Ferrule into The Mil-C-38999 Series III Connectors. This offers a high fiber density in a relatively small cylindrical connector package, with all the advantages of the Series III, MIL-DTL-38999 proven connector. High performance in tough environments and high speed signal processing can be accomplished in this connector series.



Key Benefits:

- **Increased Fiber Optic Channel Densities in Smaller Connector Shell Sizes (*in Comparison to Mil-T-29504 Type Fiber Optic Contacts*)**

12 Channels vs. 2 Channels in shell Size 11

48 Channels vs. 16 Channels in Shell Size 21

- **Reduced number of terminations**
- **Uses Existing MIL-DTL-38999 Series III Connector Housings**
- **Complete Environmental Sealing**
- **Removable Front Insert to Facilitate Cleaning of MT Optical Interface**
- **Loss data 1dB/Channel Maximum**
- **Same Operating Temperature Range as MIL-DTL-38999 Series III**