

086 AND 141 HAND-FLEX CABLE RELEASE

MCL is to announce new interconnect cables, the 0.086" and 0.141" hand-flex coaxial cables. These cables are ideal replacements for existing custom bent semi-rigid cable.



KEY FEATURES

- Wideband frequency coverage, DC to 18 GHz
- Low Loss and excellent Return Loss
- Hand formable to almost any custom shape without special bending tools
- Anti-torque nut prevents cable stress during installation
- Insulated outer jacket, standard

APPLICATIONS

The 141 and 086 Hand-Flex series are targeted for use *within end-use systems applications* such as communication transceivers, military and aerospace receivers and transmitters and test & measurement systems *up to 18 GHz*.

The tin-soaked copper braided outer conductor enables the 086 and 141 Series to maintain excellent RF performance in *extremely tight bend radius* applications; making these cables ideal for use in very tight installations and connections.

HIGH QUALITY CONSTRUCTION

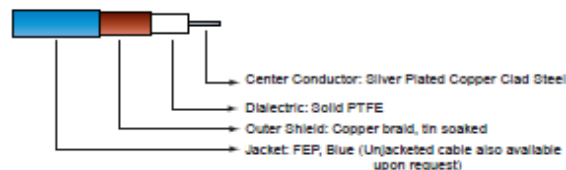
Mini-Circuits 141 and 086 Hand-Flex cables offer industry leading quality based upon attention to detail in the construction including the ability to maintain the performance over multiple bends.

Qualification testing was performed to validate performance after mechanical stresses including:

- Pull and Torque Force
- Thermal Cycling
- Dynamic Bending
- Static Bending
- Connector Durability

Attention to detail even includes an *Anti-Torque Feature* that enables customers to secure the cable (and therefore the cable to connector attachment point) while the connector is torque to the mating device.

Cable Construction



Connectors: Coupling Nut: Stainless Steel Passivated
 Body: Stainless Steel Gold Plated
 Center Pin: Silver Plated Copper Clad Steel

