

For more information visit RF Connectors website - Technical Information

SEMI-RIGID CABLE SOLDERING TIPS

- Always avoid excessive heat when soldering.
- Use an active flux such as Kester #2331 when soldering semi-rigid cable to nickel-plated connector bodies.
- Fixture cable and solder ferrule or cable and connector body firmly when soldering to the jacket of semi-rigid cable.
- Work rapidly during soldering operations and cool the new joints by brushing with alcohol.
- Carefully follow the semi-rigid cable manufacturer's instructions for cable thermal cycling procedures.

CONNECTOR MATING TIPS

- Before joining connectors, inspect mating surfaces for dirt, dust, debris and bent or broken contacts.
- When mating connectors, always turn the coupling nut rather than the body.
- In general, the tighter you make the coupling mechanism, the better the performance. However, many connectors are destroyed by over-torquing the coupling nut. Paired connectors tend to be inductive due to gaps of various types.
- Use a torque wrench for mating threaded adapters or cable assembly terminations when the reciprocal connector is mounted to equipment. Over torquing of plugs can damage the instrument mounted jack and the adapter or cable connector. This will also void most equipment warranties.

STANDARD/METRIC CONVERSIONS

LENGTH

Inch x 25.40 = Millimeters

Millimeters x 0.03937 = Inches

Feet x 0.3048 = Meters

Miles x 1.609 = Kilometers

MASS

Ounce x 28.35 = Gram

Gram x 0.03527 = Ounce

Pound x 0.4536 = Kilogram

Kilogram x 2.205 = Pound

Kilogram/lm x 0.6214 = Pounds/kft

Pounds/kft x 1.4881 = Kilogram/km

AREA

Sq. Inch x 6.452 = Sq. Centimeter

Sq. Centimeter x 0.1550 = Sq. Inch

Sq. Foot x 0.0929 = Sq. Meter

Sq. Meter x 10.76 = Sq. Foot

Sq. Miles x 2.590 = Sq. Kilometer

Sq. Kilometer x 0.3861 = Sq. Miles

Circular Mil x 0.7854 = Sq. Mil

VOLUME

Cu. Inch x 16.39 = Cu. Centimeter

Cu. Cm. x 0.06102 = Cu. Inch

Cu. Foot x 0.02832 = Cu. Meter

Cu. Meter x 35.31 = Cu. Foot