

# K CONNECTOR®

DC to 40 GHz



## Evaluation kit

### 01-101A

#### Evaluation Kit

Kit contains one K120 25 cm Male/Male Cable Assembly, two K102F-R Female Sparkplug Launcher Connector Assemblies, two K104F-R Female Flange Launcher Connector Assemblies, five K100 Glass Beads, one 01-102A Test Fixture, one 01-104 Drill and Tap Set, five K110-1-R Microstrip Sliding Contacts, and all other parts and fixtures required to assemble launchers with or without sliding contacts.

## Tools and fixtures



### 01-103

Soldering Fixture for sparkplug launcher glass beads, package of 10



### 01-104

#### Drill and Tap Set

for precision machining of concentric holes for mounting K Connector® in microwave housing. (Drill Part No. B14094) (Tap Part No. 783-255)



### 01-105A

Male and Female Sparkplug Torquing Kit



### 01-106

K Soldering Fixture for flange launcher glass bead, package of 5.



### 01-107M or 01-107F

Cable Sleeve Soldering Fixture for K101M-R Male and K101F-R Female Cable Connectors, package of 10.



### 01-108

#### Drill and Tap Set

For precision machining of concentric holes for mounting K Connector® in microwave housing in applications where stress relief contacts are used. (Drill Part No. B16526) (Tap Part No. 783-255)



### 01-118

K Connector® Cable Assembling Fixture Kit for K118 semi-rigid coaxial cable.



### 01-201

Torque wrench: 0.9 N-M (8 in-lb) for standard SMA and 3.5 mm connectors, and for the Anritsu K Connector® and V Connector®.



### 01-204

Handy stainless steel connector wrench for standard SMA, 3.5 mm, and 2.4 mm connectors, and for the Anritsu K Connector® and V Connector®.

## Semi-rigid coaxial cable

Type	Semi-rigid coaxial, tin-plated copper outer conductor, silver-plated copper center conductor.
Impedance	50 ± 2 Ω
Dielectric type	Microporous Teflon, 0.24 cm diameter
Dielectric constant	1.687
Relative velocity	0.77
Outside diameter	3.00 mm
Center conductor diameter	0.81 mm
Minimum bend radius	0.65 cm
Attenuation	1.6 dB/m at 10 GHz 2.3 dB/m at 20 GHz 3.3 dB/m at 30 GHz 4.7 dB/m at 40 GHz



### K118

Semi-rigid Coaxial Cable  
1.5m length of 3.00 mm semi-rigid cable for K101 series connector

