

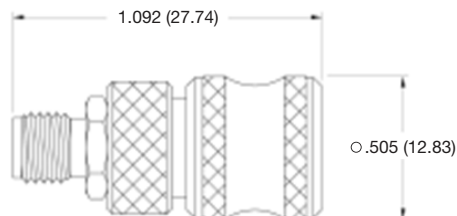
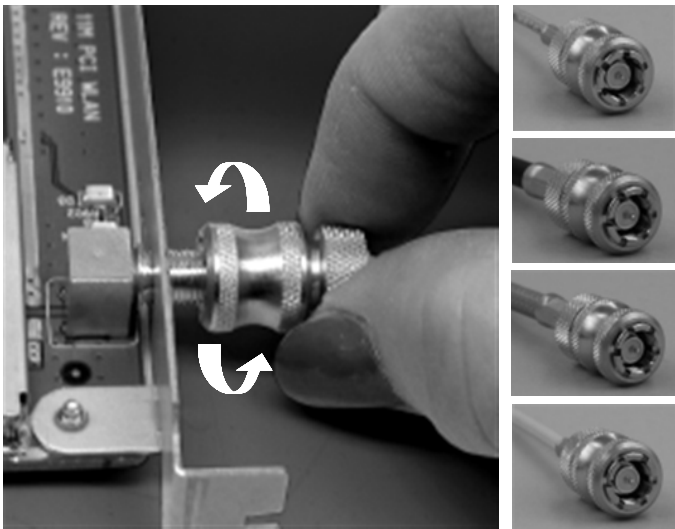
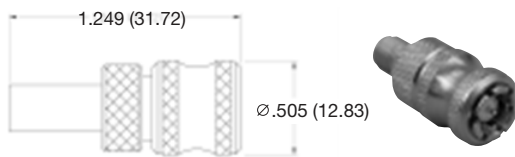
# SMA Quick-Connect Product Family

The Johnson SMA **Quick-Connect** Plug quickly mates to a standard, threaded SMA Jack receptacle allowing rapid test connections to devices utilizing SMA threaded jacks.

SMA electrical performance is not compromised because the connector retains all the benefits of a threaded coaxial coupling. The final connection is a solid metal to metal coupling not relying on spring forces to maintain the coupling. This results in a more reliable connection with less signal leakage and a lower VSWR than most push-on connectors.

Full Mil-C-39012 electrical compatibility is obtained with a push and twist motion. The knurled thumbnut requires only one half to one full turn to create a solid electromechanical connection. Rapid disconnect is accomplished with a twist and pull motion.

The SMA **Quick-Connect** Plug Adapter converts a standard SMA Plug test cable into a **Quick-Connect** cable. This makes the testing process more efficient by reducing the time and effort required to connect and disconnect the test cable.



## ADAPTER

| VSWR & Frequency Range       | Gold Plated* |
|------------------------------|--------------|
| 1.05 + .005 f (GHz) 0-18 GHz | 142-1901-821 |

## PLUGS

| Cable Type              | VSWR & Frequency Range        | Gold Plated* |
|-------------------------|-------------------------------|--------------|
| RG-161/U, 174, 188, 316 | 1.15 + .02 f (GHz) 0-12.4 GHz | 142-1403-001 |
| RG-188 DS, RG-316 DS    | 1.15 + .02 f (GHz) 0-12.4 GHz | 142-1404-001 |
| RG-58/U, 141, 303       | 1.15 + .01 f (GHz) 0-12.4 GHz | 142-1407-001 |
| RG-55/U, 142, 223, 400  | 1.15 + .01 f (GHz) 0-12.4 GHz | 142-1408-001 |

\*Nickel plated coupling hardware, gold plated body



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