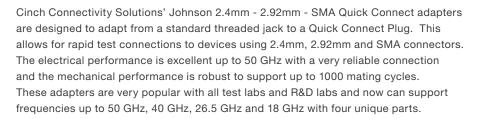


# High Frequency Quick Connect Adapters

Up to 50 GHz



Full MIL-PRF-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 2.4mm - 2.92mm - SMA Quick-Connect Plug Adapter converts a standard 2.92mm/ 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.

All Johnson high frequency connectors and adapters are designed to provide the highest quality data signal transmission.

#### **Features**

- Quick connect with push and twist motion achieving full MIL-PRF-39012
- Cable assembly conversion for quick mating and de-mating
- Rapid disconnect with twist and pull motion



#### **Applications**

- Test and measurement lab equipment
- Instrumentation test fixture hardware

### **Quick Connect Adapters (In Series)**

147-0901-831 2.4mm Jack to Quick Connect Plug Adapter 50 GHz   145-0901-841 2.92mm Jack to Quick Connect Plug Adapter 0.12√(F) dB max 1.25 Max 40 GHz	Part Number	Interface	Insertion Loss	VSWR	Frequency
145-0901-841 2.92mm Jack to Quick Connect Plug Adapter 0.12√(F) dB max 1.25 Max 40 GHz	147-0901-831	2.4mm Jack to Quick Connect Plug Adapter	0.12√(F) dB max (F in GHz)GHz	1.25 Max DC to 18 GHz	50 GHz
	145-0901-841	2.92mm Jack to Quick Connect Plug Adapter			40 GHz
142-1901-831 HF SMA Jack to Quick Connect Plug Adapter (F in GHz)GHz DC to 18 GHz 26.5 GHz	142-1901-831	HF SMA Jack to Quick Connect Plug Adapter			26.5 GHz
142-1901-821 SMA Jack to Quick Connect Plug Adapter 18 GHz	142-1901-821	SMA Jack to Quick Connect Plug Adapter			18 GHz



Asia Pacific +86 21 5442 7668 ccs.asia.sales@as.cinch.com Europe, Middle East & Africa +44 (0) 1245 342060 cinchconnectivity@eu.cinch.com North America +1 507 833 8822 ccsorders@us.cinch.com

## **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Cinch Connectivity Solutions:

142-1901-821 145-0901-841 142-1901-831