



### Ordering Information

Part Number	Description
095-902-515XXXX	RP-SMA Straight Plug to RP-SMA Straight Jack, RG-58
095-902-535XXXX	RP-SMA Straight Plug to RP-SMA Straight Bulkhead Jack, RG-316
095-902-536XXXX	RP-SMA Straight Plug to RP-SMA Straight Jack, RG-316
095-902-537XXXX	RP-SMA Straight Plug to RP-SMA Straight Bulkhead Jack, RG-174
095-902-538XXXX	RP-SMA Straight Plug to RP-SMA Straight Jack, RG-174

**Note:** 'XXXX' denotes length code. See available lengths in chart below.

### Available Lengths

Length	Length in Inches (Millimeters)
-006	6.00 in (152.40 mm)
-010	10.00 in (254 mm)
-012	12.00 in (305 mm)
-024	24.00 in (610 mm)
-036	36.00 in (914.40 mm)
-048	48.00 in (1219.20 mm)
M050	19.69 in (500 mm)
M100	39.37 in (1000 mm)
M200	196.85 in (5000 mm)

### Overview

Amphenol RF offers a variety of fixed length cable assemblies featuring high performance RP-SMA jack and plug configurations. These assemblies are available on RG-58, RG-174 and RF-316 flexible cables in a variety of standard lengths from six inches to two meters. They are ideal for a wide range of test and measurement applications.

RP-SMA cable assemblies provide reliable electrical performance up to 5 GHz (may vary by cable type). These assemblies utilize connectors designed with the popular threaded coupling mechanism which ensures a secure connection. All cables are individually tested to ensure the highest quality standards and support a minimum of 500 mating cycles.

### Features and Benefits

- Designed with gold plated, brass bodies
- Utilize the popular threaded coupling mechanism
- Supports a minimum of 500 mating cycles
- Ideal for low loss antenna connections

### Applications

- Laboratory RF Test and Measurement
- Wireless LAN Antennas
- Land Mobile Radio
- Cellular Communication Systems

### Amphenol RF

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Danbury, CT 06810

For more information visit [www.amphenolrf.com](http://www.amphenolrf.com)  
or call 800.627.7100

# Amphenol® RF

## Technical Specifications (Connectors)

### Electrical

Impedance	50 $\Omega$
Frequency Range	DC - 6 GHz*

### Mechanical

Mating Cycles	500 Cycles Min.
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### Environmental

Temperature Range	-65°C to 165°C
RoHS	Compliant with exemption 6C

### Materials

Connector Body	Brass, Gold Plating
Female Contact	Beryllium Copper, Gold Plating
Male Contact	Brass, Gold Plating
Insulator	PTFE, Natural

*Note: Technical specifications are typical and may vary by specific part number of design. See component drawing for additional details.*

*\*Max Frequency range varies based on cable type.*

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