

SMA Male Connector Crimp/Crimp Attachment for  
RG174, RG316, RG188, LMR-100, .100 inch

## LCCN45937



### Configuration

- SMA Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG174, RG316, RG188, LMR-100, .100 inch Interface Type
- Crimp/Crimp Attachment
- 5/16 inch Hex

### Features

- Max. Operating Frequency 12.4 GHz
- Excellent VSWR of 1.21:1
- Gold Plated Brass Contact
- 30  $\mu$ m minimum contact plating

### Applications

- General Purpose Test
- Custom Cable Assemblies

### Description

L-com's LCCN45937, SMA, Standard, Connector is part of our full line of RF components available for same-day shipping. Our SMA male connector operates up to a maximum frequency of 12.4 GHz and offers excellent VSWR of 1.21:1. Our SMA male connector LCCN45937 datasheet specifications and drawing with dimensions are shown below in this PDF. L-com's broad catalog of RF, micro-wave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, L-com has the right connector for the job. L-com can also expertly build your custom cable assemblies for you and ship same-day.

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		12.4	GHz
VSWR			1.21:1	
Operating Voltage (AC)			335	Vrms

### Mechanical Specifications

#### Size

Length	0.87 in [22.10 mm]
Width	0.32 in [8.00 mm]
Weight	0.01 lbs [5.44 g]
Mating Torque	3 to 5 in-lbs 0.34 to 0.57 Nm

### Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 $\mu$ m minimum
Insulation	PTFE	
Body	Brass	Nickel

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[SMA Male Connector Crimp/Crimp Attachment for RG174, RG316, RG188, LMR-100, .100 inch LCCN45937](#)

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		100 µin minimum
Coupling Nut	Brass	Nickel
		100 µin minimum
Crimp Sleeve	Brass	Nickel

### Environmental Specifications

#### Temperature

Operating Range -65deg C to +165deg C

**Compliance Certifications** (see [product page](#) for current document)

### Plotted and Other Data

SMA Male Connector Crimp/Crimp Attachment for RG174, RG316, RG188, LMR-100, .100 inch from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components. Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male Connector Crimp/Crimp Attachment for RG174, RG316, RG188, LMR-100, .100 inch LCCN45937

URL: <https://www.l-com.com/sma-male-connector-crimp-crimp-attachment-rg174-rg316-rg188-lmr-100-.100-inch-lccn45937-p.aspx>

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

