

SMA Female Connector Crimp/Solder Attachment for
RG316, RG174, LMR-100, RG188, 0.100 inch



LCCN45912

Configuration

- SMA Female Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG316, RG174, LMR-100, RG188, 0.100 inch Interface Type
- Crimp/Solder Attachment

Features

- Max. Operating Frequency 6 GHz
- Good VSWR of 1.3:1
- Gold Plated Beryllium Copper Contact
- 50μ in. minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

L-com's LCCN45912, SMA, Standard, Connector is part of our full line of RF components available for same-day shipping. Our SMA female connector operates up to a maximum frequency of 6 GHz and offers good VSWR of 1.3:1. Our SMA female connector LCCN45912 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		6	GHz
VSWR			1.3:1	
Operating Voltage (AC)			335	Vrms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 3					GHz
VSWR, Max	1.21:1					

Mechanical Specifications

Size

Length	0.59 in [15.01 mm]
Width	0.25 in [6.35 mm]
Weight	0.01 lbs [4.54 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[SMA Female Connector Crimp/Solder Attachment for RG316, RG174, LMR-100, RG188, 0.100 inch LCCN45912](#)

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Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 50μ in. minimum
Insulation	Teflon	
Outer Conductor	Brass	Gold 3μ in. minimum
Body	Brass	Gold 3μ in. minimum

Environmental Specifications

Temperature

Operating Range -65deg C to +165deg C

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

Plotted and Other Data

SMA Female Connector Crimp/Solder Attachment for RG316, RG174, LMR-100, RG188, 0.100 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 Female Connector Crimp/Solder Attachment for RG316, RG174, LMR-100, RG188, 0.100 inch LCCN45912

URL: <https://www.l-com.com/sma-female-connector-crimp-solder-attachment-rg316-rg174-lmr-100-rg188-0.100-inch-lccn45912-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.

