

SMC Plug Right Angle Connector Crimp/Solder Attachment
for RG174, RG316, RG188, LMR-100, .100 inch



LCCN45891

Configuration

- SMC Plug Connector
- MIL-STD-348A
- 50 Ohms
- Right Angle Body Geometry
- RG174, RG316, RG188, LMR-100, .100 inch Interface Type
- Crimp/Solder Attachment
- 1/4 inch Hex

Features

- Max. Operating Frequency 4 GHz
- Good VSWR of 1.35:1
- Gold Plated Beryllium Copper Contact
- 30 µin minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

L-com's LCCN45891 Right Angle, SMC, Standard, Connector is part of our full line of RF components available for same-day shipping. Our SMC plug connector operates up to a maximum frequency of 4 GHz and offers good VSWR of 1.35:1. Its right angle body geometry allows for easier connections in tight spaces. Our SMC plug right angle connector LCCN45891 datasheet specifications and drawing with dimensions are shown below in this PDF. L-com's broad catalog of RF, microwave 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		4	GHz
VSWR			1.35:1	
Operating Voltage (AC)			335	Vrms

Mechanical Specifications

Size

Length	0.55 in [14.00 mm]
Width	0.45 in [11.46 mm]
Weight	0.01 lbs [5.90 g]
Mating Torque	3 to 5 in-lbs 0.34 to 0.57 Nm

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 30 µin minimum
Insulation	PTFE	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[SMC Plug Right Angle Connector Crimp/Solder Attachment for RG174, RG316, RG188, LMR-100, .100 inch LCCN45891](#)

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Body	Brass	Nickel 100 µin minimum
Coupling Nut	Brass	Nickel 100 µin minimum

Environmental Specifications

Temperature

Operating Range -65deg C to +165deg C

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

Plotted and Other Data

SMC Plug Right Angle Connector Crimp/Solder 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: SMC Plug Right Angle Connector Crimp/Solder Attachment for RG174, RG316, RG188, LMR-100, .100 inch LCCN45891

URL: <https://www.l-com.com/smc-plug-right-angle-connector-crimp-solder-attachment-rg174-rg316-rg188-lmr-100-.100-inch-lccn45891-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 impliment 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.ontained 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 impliment 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.

L-com CAD Drawing

