

SMA Male Right Angle Connector Crimp/Solder Attachment for RG188-DS, RG316-DS



**LCCN45945**

**Configuration**

- SMA Male Connector
- MIL-STD-348A
- 50 Ohms
- Right Angle Body Geometry
- RG188-DS, RG316-DS Interface Type
- Crimp/Solder Attachment
- 5/16 inch Hex

**Features**

- Max. Operating Frequency 3 GHz
- Good VSWR of 1.4:1
- Gold Plated Brass Contact
- 50 µin minimum contact plating

**Applications**

- General Purpose Test
- Custom Cable Assemblies

**Description**

L-com's LCCN45945 Right Angle, 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 3 GHz and offers good VSWR of 1.4:1. Its right angle body geometry allows for easier connections in tight spaces. Our SMA male right angle connector LCCN45945 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		3	GHz
VSWR			1.4:1	
Operating Voltage (AC)			335	Vrms
Dielectric Withstanding Voltage (AC)			750	Vrms

**Mechanical Specifications**

**Size**

Length	0.61 in [15.49 mm]
Width	0.32 in [8.00 mm]
Height	0.84 in [21.34 mm]
Weight	0.02 lbs [7.71 g]
Mating Torque	3 to 5 in-lbs 0.34 to 0.57 Nm

**Material Specifications**

Description	Material	Plating
Contact	Brass	Gold

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[SMA Male Right Angle Connector Crimp/Solder Attachment for RG188-DS, RG316-DS LCCN45945](#)

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		50 µin minimum
Insulation	PTFE	
Body	Brass	Nickel
		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 Right Angle Connector Crimp/Solder Attachment for RG188-DS, RG316-DS 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 Right Angle Connector Crimp/Solder Attachment for RG188-DS, RG316-DS LCCN45945

URL: <https://www.l-com.com/sma-male-right-angle-connector-crimp-solder-attachment-rg188-ds-rg316-ds-lccn45945-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. 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

