

SMA Female Connector Crimp/Solder Attachment for RG178



LCCN3022

Configuration

- SMA Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- RG178 Interface Type
- Crimp/Solder Attachment

Features

- Designed to industry standard interface dimensions
- Quality body materials and plating
- Crimp/solder attachment
- Operates to 2 Ghz

Applications

- RF Boxes and components
- RF Test Systems
- General Purpose RF Interconnect
- Laboratory applications

Description

L-com's SMA female connector for RG178 coax uses a crimp/solder attachment method. This SMA connector is one of the many RF coaxial connectors in L-com's product line up and like all our products, they will ship the same day. Our SMA female connector operates up to a maximum frequency of 2 GHz. &&The specifications and a basic dimensional drawing for LCCN3022 female SMA connector can be found in this datasheet PDF. L-com's portfolio of RF and microwave connectors allows users to choose from a large number of options when building assemblies to fit their RF interconnect needs. RF cables can be created to fulfill many interconnect applications ranging from In the Box hookup, test equipment connectivity or as part of a system installation. In addition to an offering of RF connectors and coaxial cable, L-com offers both standard and custom cable assemblies to fit a customer's specific needs.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		2	GHz
VSWR			1.6:1	

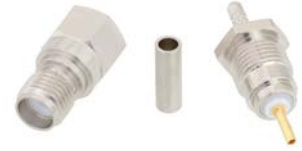
Mechanical Specifications

Size

Length	1.095 in [27.81 mm]
Width/Dia.	0.312 in [7.92 mm]
Weight	0.014 lbs [6.35 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 RG178 LCCN3022](#)

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Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold MIL-G-45204
Insulation	PTFE	
Body	Brass	Nickel QQ-N-290

Environmental Specifications

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

Plotted and Other Data

Notes:

SMA Female Connector Crimp/Solder Attachment for RG178 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 RG178 LCCN3022

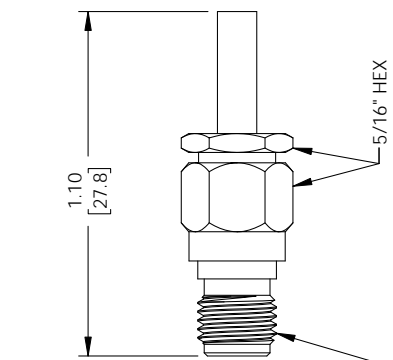
URL: <https://www.l-com.com/sma-female-rg178-connector-lccn3022-p.aspx>

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. 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.

SMA Female Connector Crimp/Solder Attachment for RG178

L-com CAD Drawing

REVISIONS		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	02/27/2020
		APPROVED SELLIS



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: SOLDER

FERRULE: 100\"

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS.

TOLERANCES:


.X = ±.2	[5.08]	FRACTIONS	±.132
.XX = ±.02	[.51]	ANGLES ± 1°	
.XXX = ±.005	[.13]		

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305]	±.1	[25] / -0
12 [305] < L ≤ 60 [1524]	±.2	[51] / -0
60 [1524] < L ≤ 120 [3048]	±.4	[102] / -0
120 [3048] < L ≤ 300 [7620]	±.8	[152] / -0
300 [7620] < L	±.5%	L / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION



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SCALE N/A

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REV A

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T-Rev: 0