

SMA Male Right Angle Connector Crimp/Non-Solder Contact Attachment for LMR-240, LMR-240-DB, LMR-240-FR, and 240-Series Cable

EZ-240-SM-RA-X-LC



Times Microwave Systems Connector Specification

Configuration

- SMA Male Connector
- MIL-STD-348
- 50 Ohms
- Right Angle Body Geometry
- LMR-240, LMR-240-DB, LMR-240-FR, 240-Series Interface Type
- Crimp/Non-Solder Contact Attachment
- 5/16 Inch Hex

Features

- Designed to industry standard interface dimensions
- Quality body materials and plating
- Crimp/Non-Solder Contact attachment
- Operates to 6 GHz

Applications

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

Description

L-com’s SMA Male connector for LMR-240, LMR-240-DB, LMR-240-FR and 240-Series coax uses a Crimp/Non-Solder Contact 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 Male connector operates up to a maximum frequency of 6 GHz.

The specifications and a basic dimensional drawing for EZ-240-SM-RA-X-LC Male 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		6	GHz
VSWR			1.3:1	
Insertion Loss			0.25	dB
Dielectric Withstanding Voltage (AC)			1,000	Vrms

Mechanical Specifications

Size

Length	0.725in	[18.42mm]
Width/Dia.	0.312in	[7.92mm]
Height	0.88in	[22.35mm]

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/Non-Solder Contact Attachment for LMR-240, LMR-240-DB, LMR-240-FR, and 240-Series Cable EZ-240-SM-](#)

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EZ-240-SM-RA-X-LC



Weight	0.021lbs	[9.53g]
Mating Cycles	500Cycles	
Mating Torque	7 to 10in-lbs	[0.79 to 1.13Nm]

Material Specifications

Description	Material	Plating
Contact	Brass/Phosphor Bronze	Gold 50 μinch
Insulation	Teflon	
Body	Brass	Tri-Metal 80 μinch
Coupling Nut	Brass	Tri-Metal 80 μinch

Environmental Specifications

Temperature	
Operating Range	-40°C to +125°C
Shock	MIL-STD 202G, Meth.213, Cond I
Vibration	MIL-STD 202G, Meth.204, Cond D
Thermal Shock	MIL-STD 202G, Meth.107, Cond B

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

Plotted and Other Data

SMA Male Right Angle Connector Crimp/Non-Solder Contact Attachment for LMR-240, LMR-240-DB, LMR-240-FR, and 240-Series Cable 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/Non-Solder Contact Attachment for LMR-240, LMR-240-DB, LMR-240-FR, and 240-Series Cable EZ-240-SM-RA-X-LC

URL: <https://www.l-com.com/sma-male-right-angle-connector-crimp-non-solder-contact-attachment-lmr-240-lmr-240-db-lmr-240-fr-240-series-cable-ez-240-sm-ra-x-lc-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. 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.

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L-com CAD Drawing

