

12.4 GHz SMA Female Connector Crimp/Solder Attachment for 240 Series, RG8X, 0.240 inch, LMR-240, LMR-240-DB, LMR-240-UF, B7808A



## LCCN3170

### Configuration

- SMA Female Connector
- 50 Ohms
- Straight Body Geometry
- 240 series, RG8X, .240 inch, LMR-240, LMR-240-DB, LMR-240-UF, B7808A Interface Type
- Crimp/Solder Attachment

### Description

The L-com LCCN3170 SMA female connector has a brass body for telecommunications, data communication, general-purpose test, industrial fields, and rack and panel mount applications. This RF connector has a straight body style and beryllium copper contact with gold plating. This threaded standard coaxial connector works on a maximum frequency of 12.4 GHz.

The 12.4 GHz SMA connector is available in a 0.970-inch length, 0.312-inch width, and 0.312-inch height. The 240 series coax connector allows developers to configure and customize their signal connections however they desire. This SMA connector with crimp/solder attachment has a high-quality construction and an impedance of 50 ohms.

The LCCN3170 240 series coax RF connector has gold body plating. This 12.4 GHz brass coaxial connector comes with PTFE insulation. The SMA female connector weighs 0.007 pounds and is most used in USB software-defined radio dongles, handheld radios, mobile phone antennas, Wi-Fi antenna systems, and microwave systems.

L-com has the largest in-stock selection of RF and coaxial connectors with same-day shipping for domestic and international orders. We currently have a variety of antenna, audio/video, Ethernet, fiber optic, and USB connectors in our portfolio that are ready to ship today. For further information on similar products, our expert technical support and knowledgeable sales team can help you get the high-quality RF connector that meets your requirements.

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		12.4	GHz

### Mechanical Specifications

#### Size

Length	0.97in	[24.64mm]
Width/Dia.	0.312in	[7.92mm]
Height	0.312in	[7.92mm]
Weight	0.007lbs	[3.18g]

### Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold
Insulation	PTFE	
Body	Brass	Gold

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [12.4 GHz SMA Female Connector Crimp/Solder Attachment for 240 Series, RG8X, 0.240 inch, LMR-240, LMR-240-DB, LMR-240-UF, B7808A](#)

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### Environmental Specifications

#### Temperature

Operating Range

-65deg C to +165deg C

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

### Plotted and Other Data

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URL: <https://www.l-com.com/12.4-ghz-sma-female-connector-crimp-solder-attachment-240-series-rg8x-0.240-inch-lmr-240-lmr-240-db-lmr-240-uf-b7808a-lccn3170-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.

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L-com CAD Drawing

