

Coaxial Adapter, SMA Female / BNC Female Bulkhead



**LCAD30013**

**Configuration**

- SMA Female Connector 1
- BNC Female Connector 2
- Impedance 50 Ohm
- Straight Body Geometry
- Bulkhead Mount Method

**Features**

- Provides Between Series SMA to BNC Connections
- Operates to 4 GHz
- Gold Plated Center Contacts
- Bulkhead Mount

**Applications**

**Description**

These L-com RF Coaxial Adapters are used to interface between SMA to BNC with coaxial connections. The LCAD30013 is a straight bulkhead adapter with a female to female configuration. This Coaxial Adapter, SMA Female / BNC Female Bulkhead is made from brass and has a nickel finish. An SMA interface design is defined by Mil-STD-348A and has many popular features including a threaded coupling method with a robust center contact and outer conductor interface. SMA's generally work up to 18GHz and are a cost effective way of insuring a highly dependable RF Coaxial connection. BNC adapters interface design is defined by Mil-STD-348A and has no tool required bayonet mount coupling mechanism with a robust center contact and outer conductor interface. BNC's generally work up to 3 GHz and are a cost effective way of insuring a highly dependable RF Coaxial connection. L-com's RF Coaxial and Triaxial adapters are in stock and ship same day.

**Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		4	GHz
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms

**Mechanical Specifications**

Size		
Length	1.32in	33.53mm]
Width	0.7in	[17.78mm]

Description	Connector 1	Connector 2
Type	SMA Female	BNC Female
Polarity	Standard	Standard

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**Material Specifications**

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	SMA Female		BNC Female	
Contact	Phosphor Bronze	Gold	Phosphor Bronze	Gold
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel	Brass	Nickel
Body	Brass	Nickel	Brass	Nickel

**Environmental Specifications**

**Temperature**

Operating Range -65°C to +165°C

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

**Plotted and Other Data**

Coaxial Adapter, SMA Female / BNC Female Bulkhead 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. 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

