

## 75 Ohm TNC Male to 75 Ohm BNC Female Adapter



### LCAD9803

#### Configuration

- TNC Male Connector 1
- BNC Female Connector 2
- 75 Ohm
- Straight Body Geometry

#### Features

- 30  $\mu$ m minimum contact plating
- Gold Plated Brass Contact

#### Applications

- Allows Connection Between Series
- General Purpose Test

#### Description

L-com's LCAD9803 75 ohm TNC male to BNC female adapter is part of our full line of RF components available for sameday shipping. Our TNC to BNC adapter has a male to female gender configuration. LCAD9803 TNC male to BNC female adapter operates to 500 MHz.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/ disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. L-com also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		500	MHz
Impedance		75 Ohm		
VSWR		1.5:1		

Electrical Specification Notes:  
Values at 25°C, sea level.

#### Mechanical Specifications

##### Size

Length	1.23 in [31.24 mm]
Width	0.59 in [14.99 mm]
Weight	0.05 lbs [20.87 g]

Description	Connector 1	Connector 2
Type	TNC Male	BNC Female
Polarity	Standard	Standard

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#### Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	TNC Male		BNC Female	
Contact	Brass	Gold 30 μin minimum	Brass	Gold 30 μin minimum
Insulation	PTFE		PTFE	
Outer Conductor			Brass	Nickel 200 μin minimum
Body	Brass	Nickel 200 μin minimum		
Gasket	Silicone			
Coupling Nut	Brass	Nickel 200 μin minimum		

#### Environmental Specifications

##### Temperature

Operating Range

-65 to +165 °C

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

#### Plotted and Other Data

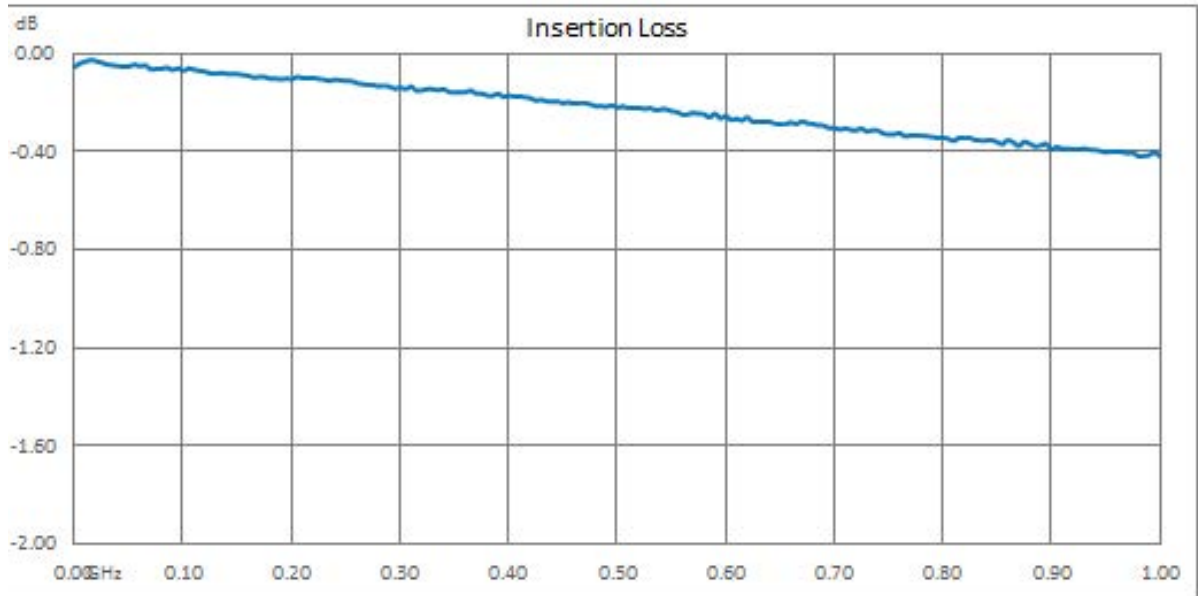
#### Typical Performance Data



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**LCAD9803**



75 Ohm TNC Male to 75 Ohm BNC Female Adapter 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.

URL: <https://www.l-com.com/tnc-male-bnc-female-straight-adapter-lcad9803-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.

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