

BNC Tee Adapter Female-Female-Female

LCAD9787



Configuration

- BNC Female Connector 1
- BNC Female Connector 2
- BNC Female Connector 3
- 50 Ohm
- Tee Body Geometry

Features

- Max VSWR of 2.1:1 up to 100 MHz
- 30 μ m minimum contact plating
- Gold Plated Contact

Applications

- General Purpose Test

Description

L-com's LCAD9787 BNC Tee adapter female-female-female is part of our full line of RF components available for same-day shipping. Our BNC tee adapter has a female-female-female gender configuration. Our BNC tee connector operates to 100 MHz. The L-com RF adapter provides good VSWR of 2.1:1 maximum. Tee adapters (also called tee connectors) are three port devices that can be used to split or combine a signal. Unlike power dividers/combiners, however, they do not provide matched impedance at all ports.

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		100	MHz
Impedance		50 Ohm		
VSWR			2.1:1	
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size

Length	1.28 in [32.51 mm]
Width	0.44 in [11.18 mm]
Height	0.95 in [24.13 mm]
Weight	0.04 lbs [16.51 g]

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

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Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	BNC Female		BNC Female	
Contact	Brass	Gold 30 µin minimum	Brass	Gold 30 µin minimum
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel 100 µin minimum	Brass	Nickel 100 µin minimum

Environmental Specifications

Temperature

Operating Range -65 to +165 °C

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

Plotted and Other Data

BNC Tee Adapter Female-Female-Female 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/bnc-female-female-female-tee-adapter-lcad9787-p.aspx>

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LCAD9787 CAD Drawing
BNC Tee Adapter Female-Female-Female