

Coaxial Adapter, F-Male / BNC Female 50 Ohm



BA120

Configuration

- F Male Connector 1
- BNC Female Connector 2
- 50
- Straight Body Geometry

Features

- Allows interconnection of devices with Type F female and BNC male interfaces
- Difficult to find interface combination to solve your interconnection problems
- Gold plated center contact for reduced signal loss
- Nickel plated body for enhanced corrosion resistance

Applications

- Coax retrofit applications
- Coaxial Extension
- Coaxial interface conversion
- OEM coax applications

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Impedance		50		Ohms

Mechanical Specifications

Size

Length	1.10 in [27.94 mm]
Width	0.44 in [11.13 mm]
Height	0.44 in [11.13 mm]

Description	Connector 1	Connector 2
Polarity	Standard	Standard

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	F Male		BNC Female	
Contact	Brass	Gold	Brass	Gold
Insulation	POM		POM	
Outer Conductor	Brass	Nickel	Brass	Nickel
Body	Brass	Nickel	Brass	Nickel
Coupling Nut	Brass	Nickel		

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

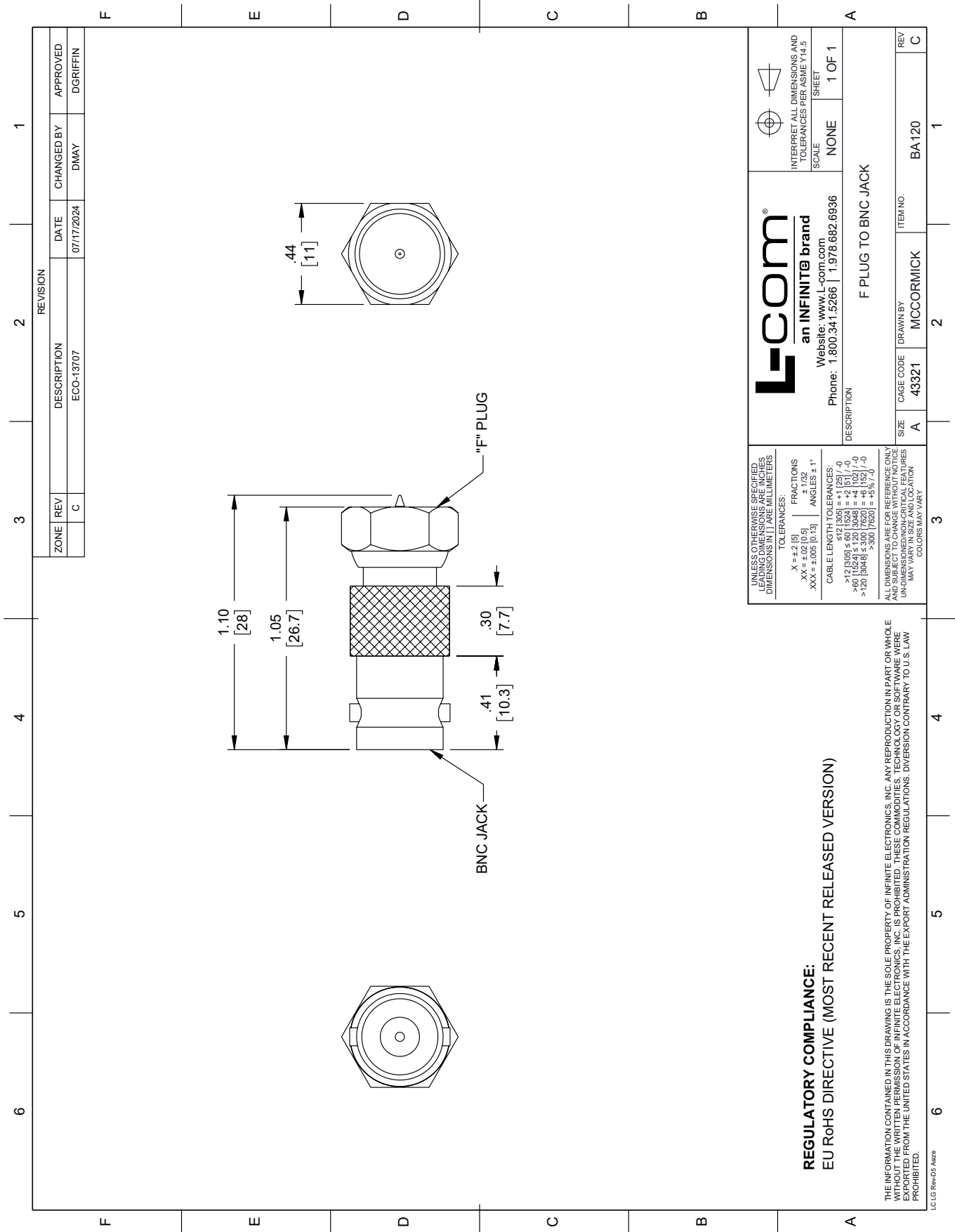
Coaxial Adapter, F-Male / BNC Female 50 Ohm from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

URL: <https://www.l-com.com/coaxial-coaxial-adapter-f-male-bnc-female-50-ohm-p.aspx>

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BA120 CAD Drawing

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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE: NONE SHEET: 1 OF 1

DESCRIPTION: F PLUG TO BNC JACK

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	MCCORMICK	BA120	C

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS

TOLERANCES: X = ±.151 FRACTIONS XX = ±.02 [0.5] ±.132 ANGLES ± 1° XXX = ±.005 [0.13]

CABLE LENGTH TOLERANCES: >12 [305] ±.60 [1524] = ±.2 [51] / -0 >.60 [1524] ≤ 1.20 [3048] = ±.4 [102] / -0 >1.20 [3048] ≤ 3.00 [7620] = ±.1 [25] / -0 >3.00 [7620] = ±.3 [76] / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY. UNDIMENSIONED NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.

REGULATORY COMPLIANCE: EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

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LC LG Rev-05 Asize