

Coaxial 50 Ohm Right Angle Adapter, SMA Female / Male, Nickel Plated



BA20-N

Configuration

- SMA Male Connector 1
- SMA Female Connector 2
- 50 Ohms Impedance
- Right Angle Body Geometry

Features

- Allows interconnection of devices with SMA interfaces
- Handy device to have on hand to solve your interconnection problems
- Nickel plated body for enhanced corrosion resistance
- Gold plated center contact for reduced signal loss
- Right angle configuration useful in tight fit situations

Applications

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

Description

This right angle SMA male to female adapter features a compact profile ideal for limited space applications. This adapter can also be used to convert an in line SMA male cable connector to a 90 degree configuration by attaching to cable end.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.60 in [15.24 mm]
Width	0.66 in [16.76 mm]
Height	0.31 in [7.92 mm]
Weight	0.03 lbs [13.61 g]

Description	Connector 1	Connector 2
Polarity	Standard	Standard

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	SMA Male		SMA Female	
Contact	Brass	Gold	Brass	Gold
Insulation	PTFE		PTFE	

Coaxial 50 Ohm Right Angle Adapter,
SMA Female / Male, Nickel Plated



BA20-N

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Outer Conductor	Brass	Nickel	Brass	Nickel
Body	Brass	Nickel	Brass	Nickel
Gasket	Silicone		Silicone	

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

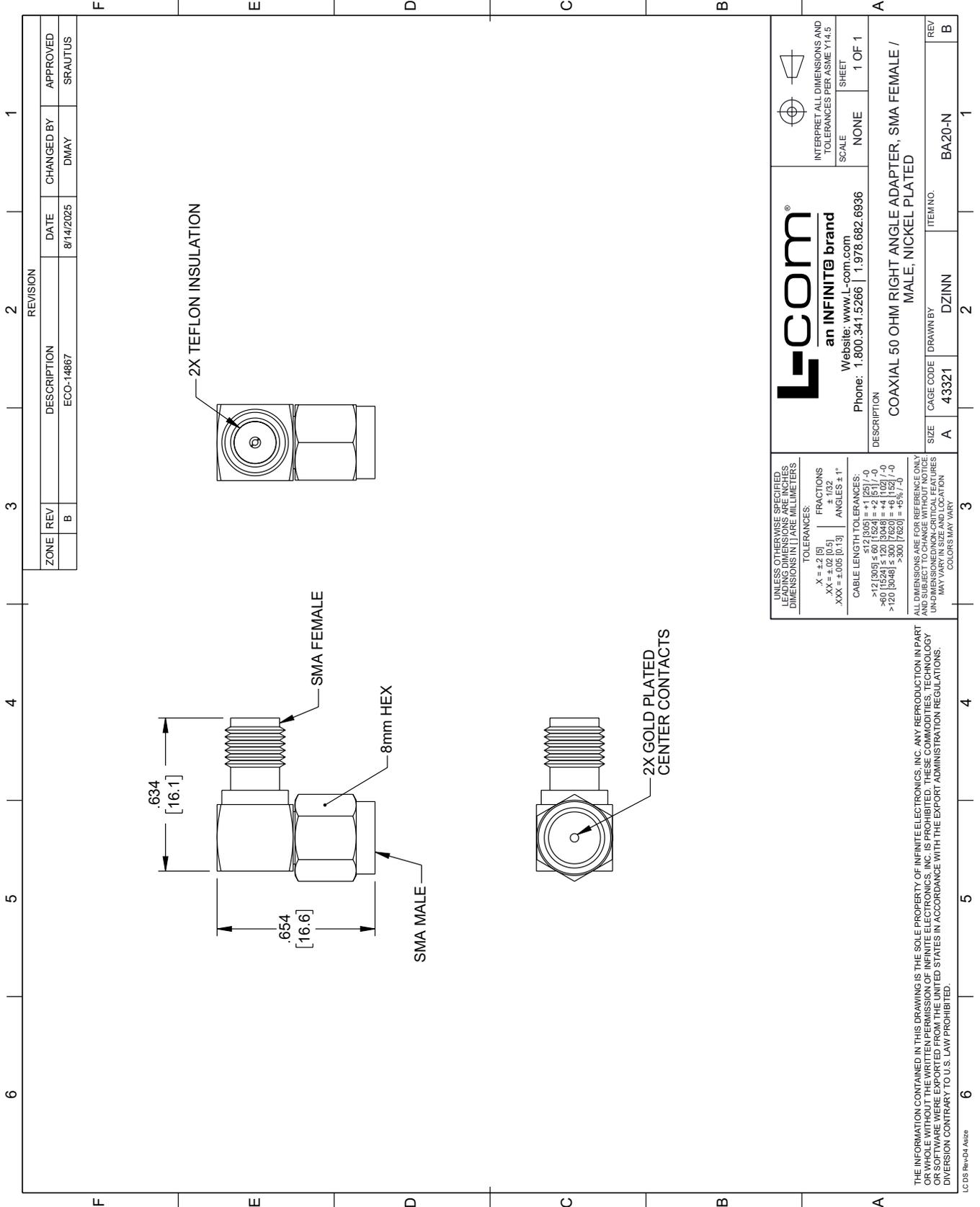
Coaxial 50 Ohm Right Angle Adapter, SMA Female / Male, Nickel Plated from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and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

URL: <https://www.l-com.com/coaxial-50-ohm-right-angle-adapter-sma-female-male-nickel-plated-ba20-n.html>

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.

BA20-N CAD Drawing

Coaxial 50 Ohm Right Angle Adapter, SMA Female / Male, Nickel Plated



REVISION		DATE	CHANGED BY	APPROVED		
ZONE	REV	DESCRIPTION	ECO-14867	8/14/2025	DMAY	SRAUTUS
B						

 an INFINITE brand Website: www.L-com.com Phone: 1.800.341.5266 1.978.682.6936		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE: NONE SHEET: 1 OF 1
DESCRIPTION: COAXIAL 50 OHM RIGHT ANGLE ADAPTER, SMA FEMALE / MALE, NICKEL PLATED		
SIZE	CAGE CODE	ITEM NO.
A	43321	DZINN
REV	REV	
B	BA20-N	

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES. DIMENSIONS IN [] ARE MILLIMETERS.

TOLERANCES:
 .X = +.2 [5] FRACTIONS ± 1/32
 .XX = ±.02 [0.5] ANGLES ± 1°
 .XXX = ±.005 [0.13]

CABLE LENGTH TOLERANCES:
 <12 [305] ≤ 60 [1524] = +.1 [25] / -0
 >60 [1524] ≤ 120 [3048] = +.4 [102] / -0
 >120 [3048] ≤ 300 [7620] = +.6 [15] / -0

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

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SERVICES ARE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

LC 05 Rev-D4 Atize