



BNC Tee Adapter Female-Female-Female

RF Adapters Technical Data Sheet

PE9003

Configuration

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

Features

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

Applications

- General Purpose Test

Description

Pasternack's PE9003 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 Pasternack 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. Pasternack 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 [24.00 mm]
Weight	0.04 lbs [16.51 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Tee Adapter Female-Female-Female PE9003](#)



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

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

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Tee Adapter Female-Female-Female PE9003](#)



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BNC Tee Adapter Female-Female-Female from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

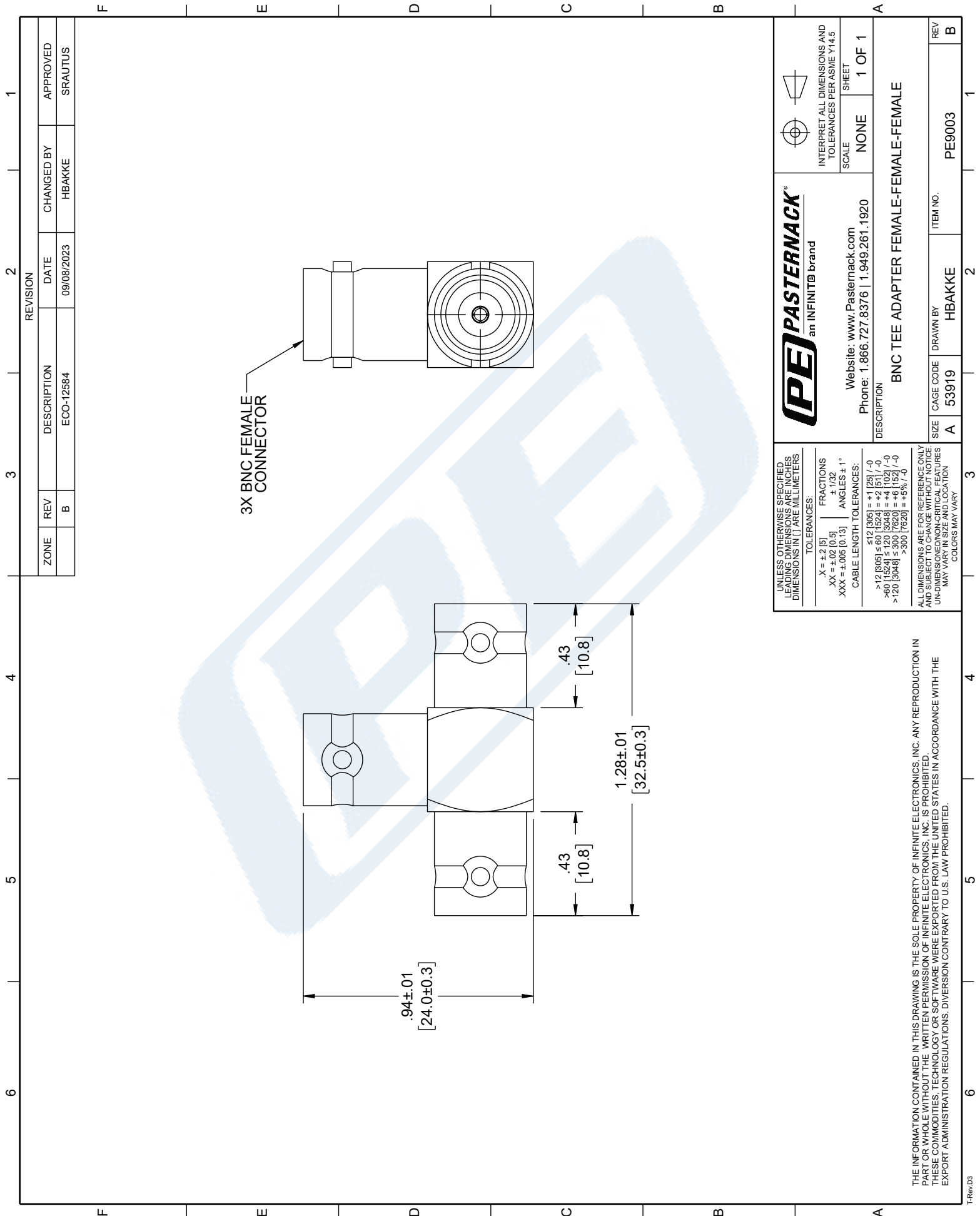
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Tee Adapter Female-Female-Female PE9003](https://www.pasternack.com/bnc-female-female-female-tee-adapter-pe9003-p.aspx)

URL: <https://www.pasternack.com/bnc-female-female-female-tee-adapter-pe9003-p.aspx>

The information contained in 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. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE9003 CAD Drawing

BNC Tee Adapter Female-Female-Female



REVISION			
ZONE	REV	DESCRIPTION	DATE
	B	ECO-12584	09/08/2023
		CHANGED BY	APPROVED
		HBAKKE	SRAUTUS

 PASTERNAK [®] an INFINITI [®] brand		 INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5
Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920		SCALE: NONE SHEET: 1 OF 1
DESCRIPTION: BNC TEE ADAPTER FEMALE-FEMALE-FEMALE		
SIZE: A	CAGE CODE: 53919	DRAWN BY: HBAKKE ITEM NO.: PE9003
		REV: B

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE 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:

$\le 12 [305]$ = +1 [25] / -0
 $\le 60 [1524]$ = +2 [51] / -0
 $\le 120 [3048]$ = +4 [102] / -0
 $\le 300 [7620]$ = +6 [152] / -0
 >300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE AND DIMENSIONS NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.

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