



SSMA Male to BNC Male Adapter

RF Adapters Technical Data Sheet

PE9213

Configuration

- SSMA Male Connector 1
- BNC Male Connector 2
- 50 Ohm
- Straight Body Geometry

Features

- Gold Plated Beryllium Copper Contact

Applications

- Allows Connection Between Series
- General Purpose Test

Description

Pasternack's PE9213 SSMA male to BNC male adapter is part of our full line of RF components available for same-day shipping. Our SSMA to BNC adapter has a male to male gender configuration. PE9213 SSMA male to BNC male adapter operates to 4 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. 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		4	MHz
Operating Voltage (AC)			250	Vrms
Dielectric Withstanding Voltage (AC)			750	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

Length	1.1 in [27.94 mm]
Width	0.57 in [14.48 mm]
Weight	0.028 lbs [12.7 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SSMA Male to BNC Male Adapter PE9213](#)



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Description	Connector 1	Connector 2
Type	SSMA Male	BNC Male
Polarity	Standard	Standard
Mating Cycles	500	500
Hex Size	1/4 in.	
Mating Torque	8 in-lbs [0.90 Nm] max	

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	SSMA Male		BNC Male	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel	Brass	Nickel
Body	Brass	Nickel	Brass	Nickel
Gasket	Silicone		Silicone	
Washer	Brass	Nickel	Brass	Nickel
Coupling Nut	Passivated Stainless Steel		Brass	Nickel

Environmental Specifications

Temperature

Operating Range -65 to +105 °C

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

Plotted and Other Data

Notes:

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SSMA Male to BNC Male Adapter 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: [SSMA Male to BNC Male Adapter PE9213](#)

URL: <https://www.pasternack.com/ssma-male-bnc-male-straight-adapter-pe9213-p.aspx>

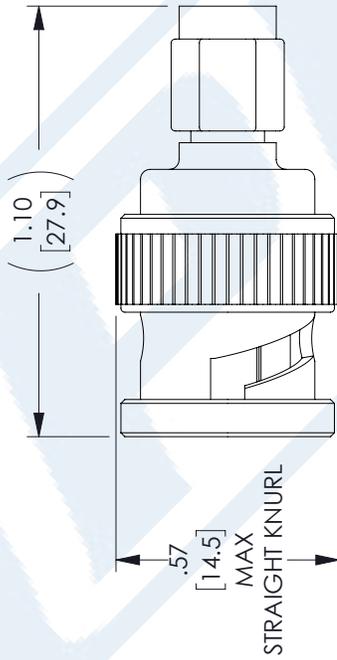
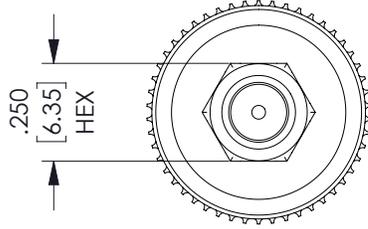
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such 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.

PE9213 CAD Drawing

SSMA Male to BNC Male Adapter

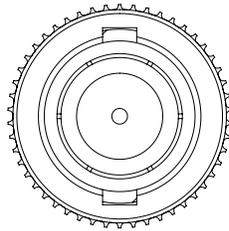
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
B	UPDATE DRAWING/SPECS	4/25/2022	SRAUTUS



SSMA MALE

BNC MALE



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

TOLERANCES:

.X = ±.2	[5.08]	FRACTIONS
.XX = ±.02	[.51]	± 1/32
.XXX = ±.005	[.13]	ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12	[305]	= +1 [25] / -0
12 [305] < L ≤ 60	[1524]	= +2 [51] / -0
60 [1524] < L ≤ 120	[3048]	= +4 [102] / -0
120 [3048] < L ≤ 300	[7620]	= +6 [152] / -0
300 [7620] < L		= +5%L / -0

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION

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SCALE N/A

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SIZE A CAGE CODE 53919 DRAWN BY HBAKKE ITEM NO. PE9213 REV B