

BNC Male to SMA Male Adapter



PE91718

Configuration

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

Features

- Max VSWR of 1.25:1 up to 8 GHz
- Gold Plated Beryllium Copper Contact

Applications

- Allows Connection Between Series
- General Purpose Test

Description

Pasternack's PE91718 BNC male to SMA male adapter is part of our full line of RF components available for same-day shipping. Our BNC to SMA adapter has a male to male gender configuration built of durable stainless steel. PE91718 BNC male to SMA male adapter operates to 8 GHz. The Pasternack RF adapter provides excellent VSWR of 1.25:1 maximum.

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		8	GHz
Impedance		50 Ohm		
VSWR			1.25:1	

Mechanical Specifications

Size

Length	1.52 in [38.61 mm]
Width	0.58 in [14.73 mm]
Height	0.58 in [14.73 mm]
Weight	0.06 lbs [24.95 g]

Description	Connector 1	Connector 2
Type	BNC Male	SMA Male
Polarity	Standard	Standard
Mating Cycles, Min	500	500

BNC Male to SMA Male Adapter

PE91718



Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	BNC Male		SMA Male	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel	Brass	Nickel
Body	Passivated Stainless Steel		Passivated Stainless Steel	

Environmental Specifications

Temperature

Operating Range

-65 to +165 °C

Humidity

MIL-STD-202, Method 106, Less Step 7B

Shock

MIL-STD-202, Method 213, Condition I

Vibration

MIL-STD-202, Method 204, Condition D

Thermal Shock

MIL-STD-202, Method 107, Condition B

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

Plotted and Other Data

BNC Male to SMA 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: [BNC Male to SMA Male Adapter PE91718](#)

URL: <https://www.pasternack.com/bnc-male-to-sma-male-adapter-pe91718-p.aspx>

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

BNC Male to SMA Male Adapter

