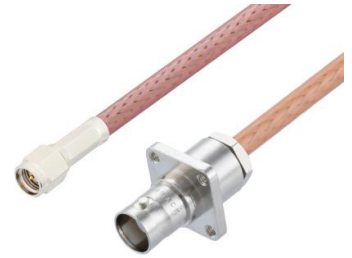


BNC Female 4 Hole Flange to SMA Male Cable Using RG142 Coax

PE3W08986

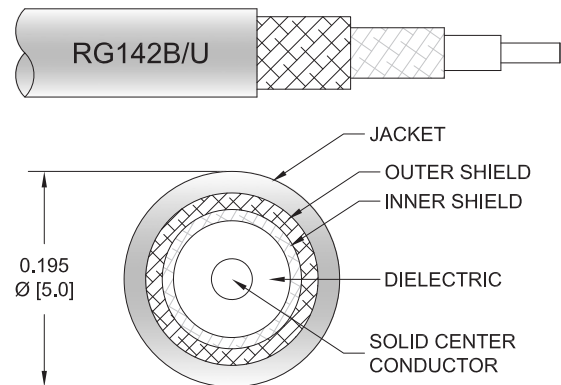


Configuration

- Connector 1: BNC Female 4 Hole Flange
- Connector 2: SMA Male
- Cable Type: RG142
- Coax Flex Type: Flexible

Features

- 70% Phase Velocity
- Double Shielded
- FEP Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W08986 BNC female 4 hole flange to SMA male cable using RG142 coax is part of our full line of RF components available for same-day shipping. Pasternack's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Pasternack BNC to SMA cable assembly has a female to male gender configuration with 50 ohm flexible RG142 coax. Our RF cable assembly with BNC 4 hole flange interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications. The double shielding of this Pasternack cable assembly provides excellent shielding effectiveness.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Velocity of Propagation		70		%
Capacitance		29.4 [96.46]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

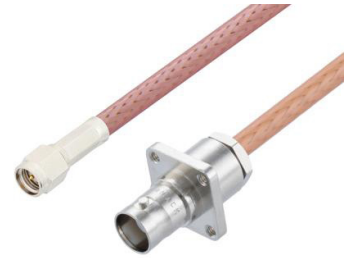
Width/Diameter	0.5 in [12.7 mm]
Weight	0.096 lbs [43.54 g]

Cable

Cable Type	RG142
Impedance	50 Ohms
Inner Conductor Type	Solid

BNC Female 4 Hole Flange to SMA Male Cable Using RG142 Coax

PE3W08986



Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	2
Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	FEP, Tan
Jacket Diameter	0.195 in [4.95 mm]
Repeated Minimum Bend Radius	1 in [25.4 mm]

Connectors

Description	Connector 1	Connector 2
Type	BNC Female 4 Hole Flange	SMA Male
Specification		MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification		50 µin minimum
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification		100 µin minimum
Coupling Nut Material and Plating		Brass, Nickel
Coupling Nut Plating Specification		100 µin minimum
Hex Size		5/16 inch
Torque		5 in-lbs 0.57 Nm

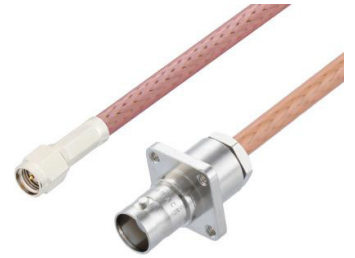
Environmental Specifications

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

Plotted and Other Data

Notes:

BNC Female 4 Hole Flange to SMA Male Cable Using RG142 Coax



PE3W08986

Typical Performance Data

How to Order

Part Number Configuration: **PE3W08986** **- xx** **uu**

Unit of Measure:
cm = Centimeters
<blank> = Inches

Length

Base Number

Example: PE3W08986-12 = 12 inches long cable
PE3W08986-100cm = 100 cm long cable

BNC Female 4 Hole Flange to SMA Male Cable Using RG142 Coax 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 Female 4 Hole Flange to SMA Male Cable Using RG142 Coax PE3W08986](https://www.pasternack.com/bnc-female-4-hole-flange-to-sma-male-cable-using-rg142-pe3w08986-p.aspx)

URL: <https://www.pasternack.com/bnc-female-4-hole-flange-to-sma-male-cable-using-rg142-pe3w08986-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.

