

## BNC Male Connector Crimp/Crimp Attachment for RG316-DS, RG188-DS



### PE45114

#### Configuration

- BNC Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG316-DS, RG188-DS

#### Features

- Max. Operating Frequency 3 GHz
- Excellent VSWR of 1.25:1
- Gold Plated Brass Contact
- 50μ in. minimum contact plating
- Maximum Frequency of 3 GHz

#### Applications

- General Purpose Test
- Custom Cable Assemblies
- General Purpose Test

#### Description

Pasternack's PE45114 BNC Male Connector Crimp/Crimp Attachment for RG316-DS and RG188-DS Cable is part of our full line of RF components available for same-day shipping. Our BNC male connector operates up to a maximum frequency of 3 GHz and offers excellent VSWR of 1.25:1. PE45114 BNC male coaxial connector has an interface type of RG316-DS, RG188-DS and a 50 Ohm impedance. Pasternack BNC male connector uses shield/contact crimp/crimp as an attachment method. Our male BNC coaxial connector provides a minimum frequency of DC and a maximum frequency of 3 GHz. The Pasternack BNC male coaxial connector has a teflon dielectric type and a VSWR of 1.25. The Pasternack BNC coaxial connector has a brass body with nickel plating. Our PE45114 BNC connector uses brass contact. This BNC male coaxial RF connector is RoHS and REACH compliant.

This Pasternack male BNC connector will ship the same day as purchased. Our BNC male connector is part of over 40,000 RF, microwave and millimeter wave components in stock for worldwide shipment. We also build custom BNC connector cable assemblies that will ship the same day as well.

Our BNC male connector PE45114 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
VSWR			1.25:1	
Operating Voltage (AC)			335	Vrms
Impedance		50		Ohms

#### Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 3					GHz
VSWR, Max	1.25:1					

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### Mechanical Specifications

<b>Size</b>	
Length	1.11 in [28.19 mm]
Width	0.57 in [14.48 mm]
Height	0.57 in [14.48 mm]
Weight	0.027 lbs [12.25 g]

### Material Specifications

Description	Material	Plating
Contact	Brass	Gold 50µ in. minimum
Insulation	Teflon	
Body	Brass	Nickel 100µ in. minimum
Coupling Nut	Brass	Nickel 100µ in. minimum

### Environmental Specifications

<b>Temperature</b>	
Operating Range	-65 to +165 deg C

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

### Plotted and Other Data

Notes:

BNC Male Connector Crimp/Crimp Attachment for RG316-DS, RG188-DS 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 Connector Crimp/Crimp Attachment for RG316-DS, RG188-DS PE45114](#)

URL: <https://www.pasternack.com/bnc-male-rg316-ds-rg188-ds-connector-pe45114.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. 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.

PE45114 CAD Drawing
BNC Male Connector Crimp/Crimp Attachment for RG316-DS, RG188-DS

