

BNC Male Right Angle to BNC Male Cable Using RG316-DS Coax with HeatShrink



PE3C3508/HS

Configuration

- Connector 1: BNC Male Right Angle
- Connector 2: BNC Male
- Cable Type: RG316-DS
- Coax Flex Type: Flexible

Features

- 70% Phase Velocity
- Double Shielded
- FEP Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C3508/HS BNC male right angle to BNC male cable using RG316-DS 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 BNC cable assembly has a male to male gender configuration with 50 ohm flexible RG316-DS coax. The right angle BNC interface on the RG316-DS cable allows for easier connections in tight spaces. 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

Weight 0.102 lbs [46.27 g]

Cable

Cable Type RG316-DS
 Impedance 50 Ohms
 Inner Conductor Type Stranded
 Inner Conductor Material and Plating Copper Clad Steel, Silver
 Dielectric Type PTFE

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Number of Shields	2
Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	FEP, Tan
Jacket Diameter	0.114 in [2.9 mm]
Repeated Minimum Bend Radius	0.6 in [15.24 mm]

Connectors

Description	Connector 1	Connector 2
Type	BNC Male Right Angle	BNC Male
Specification		MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Configuration	Right Angle	Straight
Contact Material and Plating	Gold	Brass, Gold
Contact Plating Specification		50 µin minimum
Dielectric Type	PTFE	Teflon
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

Environmental Specifications

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

Plotted and Other Data

Notes:

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PE3C3508/HS

Typical Performance Data

How to Order

Part Number Configuration:

PE3C3508/HS

- xx

uu

Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: PE3C3508/HS-12 = 12 inches long cable
PE3C3508/HS-100cm = 100 cm long cable

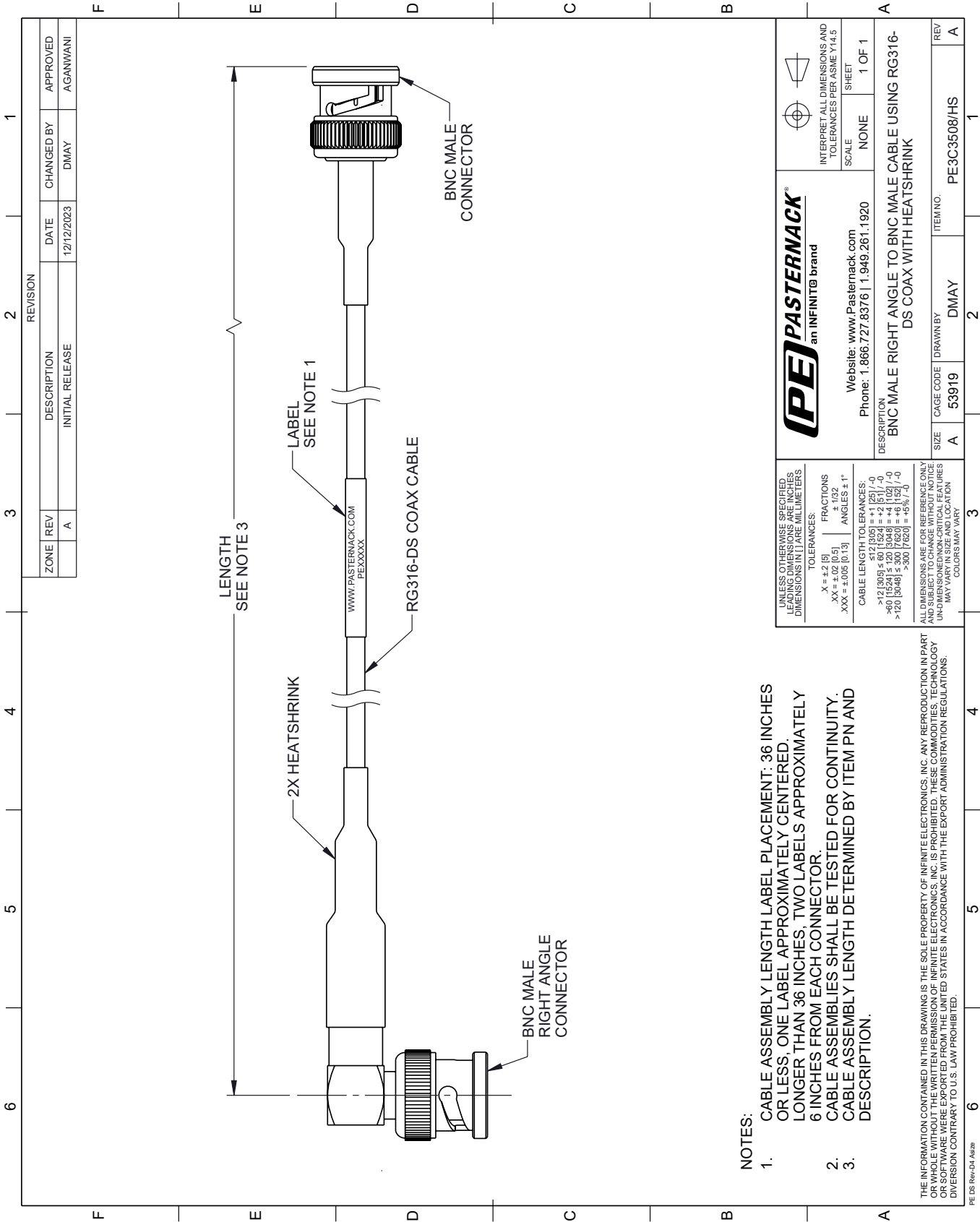
BNC Male Right Angle to BNC Male Cable Using RG316-DS Coax with HeatShrink from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male Right Angle to BNC Male Cable Using RG316-DS Coax with HeatShrink PE3C3508/HS](https://www.pasternack.com/bnc-male-right-angle-to-bnc-male-cable-using-rg316-ds-coax-with-heatshrink-pe3c3508-hs-p.aspx)

URL: <https://www.pasternack.com/bnc-male-right-angle-to-bnc-male-cable-using-rg316-ds-with-heatshrink-pe3c3508-hs-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.

PE3C3508/HS CAD Drawing
BNC Male Right Angle to BNC Male Cable Using RG316-DS Coax with HeatShrink



- NOTES:
- 1. CABLE ASSEMBLY LENGTH LABEL PLACEMENT: 36 INCHES OR LESS, ONE LABEL APPROXIMATELY CENTERED. LONGER THAN 36 INCHES, TWO LABELS APPROXIMATELY 6 INCHES FROM EACH CONNECTOR.
 - 2. CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.
 - 3. CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.

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UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES. DIMENSIONS IN [] ARE MILLIMETERS.		PE PASTERNAK an INFINITI® brand		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
TOLERANCES:		Website: www.Pasternack.com		SCALE: NONE	
X = ±.2 [5]		Phone: 1.866.727.8376 1.949.261.1920		SHEET 1 OF 1	
.XX = ±.02 [0.5]		DESCRIPTION		BNC MALE RIGHT ANGLE TO BNC MALE CABLE USING RG316-DS COAX WITH HEATSHRINK	
.XXX = ±.005 [0.13]		CABLE LENGTH TOLERANCES:		SIZE A	
ANGLES ± 1°		<12 [305] ≤ 60 [1524] = ±1 [25] / -0		CAGE CODE 53919	
		>60 [1524] ≤ 120 [3048] = ±4 [102] / -0		DRAWN BY DMAY	
		>120 [3048] ≤ 300 [7620] = ±5% / -0		ITEM NO. PE3C3508/HS	
ALL DIMENSIONS ARE FOR REFERENCE ONLY. UNLESS OTHERWISE SPECIFIED, DIMENSIONS MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.		REV A		1	