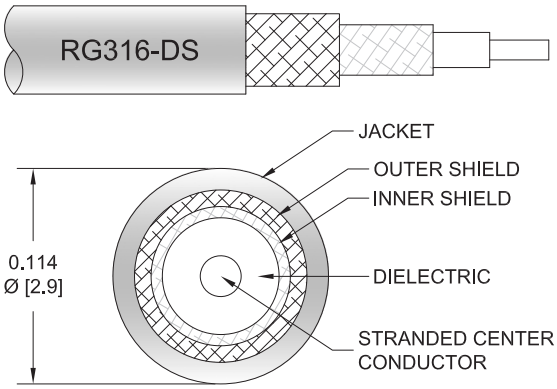
BNC Male Right Angle to BNC Female Cable Using RG316-DS Coax

PE39842

Configuration

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



Features

- 70% Phase Velocity
- Double Shielded
- FEP Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE39842 BNC male right angle to BNC female 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 female 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	0.088 lbs [39.92 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]
One Time Minimum Bend Radius	0.59 in [14.99 mm]

Connectors

Description	Connector 1	Connector 2
Type	BNC Male Right Angle	BNC Female
Impedance	50 Ohms	50 Ohms
Configuration	Right Angle	Straight
Contact Material and Plating	Gold	Brass, Gold
Contact Plating Specification		30 µin minimum
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification		100 µin minimum

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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Typical Performance Data

How to Order

Part Number Configuration: **PE39842 - xx uu**

- uu — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches
- xx — Length
- PE39842 — Base Number

Example: PE39842-12 = 12 inches long cable
PE39842-100cm = 100 cm long cable

BNC Male Right Angle to BNC Female Cable Using RG316-DS 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 Male Right Angle to BNC Female Cable Using RG316-DS Coax PE39842

URL: https://www.pasternack.com/bnc-male-right-angle-to-bnc-female-cable-using-rg316-ds-pe39842-p.aspx

PE39842 CAD Drawing

BNC Male Right Angle to BNC Female Cable Using RG316-DS Coax