

7/16 DIN Male Right Angle to N Male Right Angle Cable Using RG393 Coax

PE3C4991

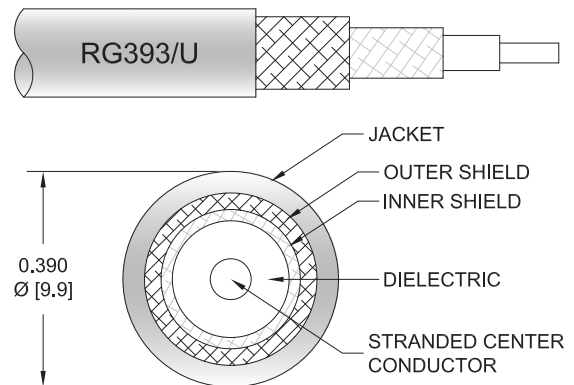


Configuration

- Connector 1: 7/16 DIN Male Right Angle
- Connector 2: N Male Right Angle
- Cable Type: RG393
- Coax Flex Type: Flexible

Features

- 69.5% Phase Velocity
- Double Shielded
- FEP Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C4991 7/16 DIN male right angle to type N male right angle cable using RG393 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 7/16 DIN to type N cable assembly has a male to male gender configuration with 50 ohm flexible RG393 coax. The right angle 7/16 DIN and right angle type N interfaces on the RG393 cable allow 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		69.5		%
Capacitance		29.4 [96.46]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Weight 0.694 lbs [314.79 g]

Cable

Cable Type RG393
Impedance 50 Ohms
Inner Conductor Type Stranded
Inner Conductor Material and Plating Copper, 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	0.39 in [9.91 mm]
Repeated Minimum Bend Radius	3.9 in [99.06 mm]

Connectors

Description	Connector 1	Connector 2
Type	7/16 DIN Male Right Angle	N Male Right Angle
Specification	MIL-C-39012	MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Configuration	Right Angle	Right Angle
Contact Material and Plating	Silver	Brass, Gold
Contact Plating Specification	QQ-S-365	30 µin minimum
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	QQ-N-290	100 µin minimum
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel
Coupling Nut Plating Specification	QQ-N-290	100 µin minimum
Hex Size	1 1/4 inch	

Environmental Specifications

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

Plotted and Other Data

Notes:

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PE3C4991

Typical Performance Data

How to Order

Part Number Configuration:

PE3C4991

- xx

uu

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

Length

Base Number

Example: PE3C4991-12 = 12 inches long cable
PE3C4991-100cm = 100 cm long cable

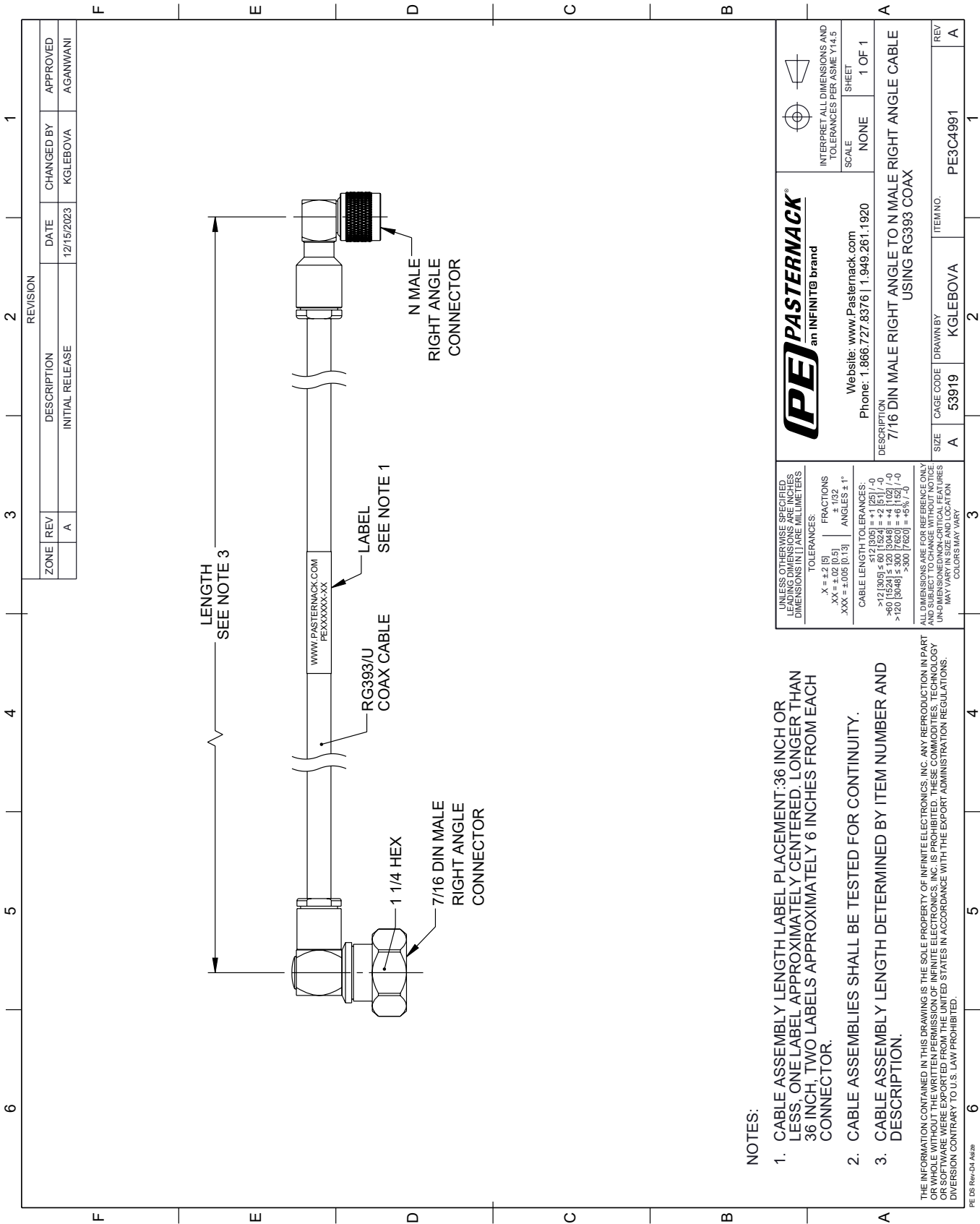
7/16 DIN Male Right Angle to N Male Right Angle Cable Using RG393 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [7/16 DIN Male Right Angle to N Male Right Angle Cable Using RG393 Coax PE3C4991](https://www.pasternack.com/7-16-din-male-right-angle-to-n-male-right-angle-cable-using-rg393-pe3c4991-p.aspx)

URL: <https://www.pasternack.com/7-16-din-male-right-angle-to-n-male-cable-using-rg393-pe3c4991-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.

PE3C4991 CAD Drawing
7/16 DIN Male Right Angle to N Male Right Angle Cable Using RG393 Coax



NOTES:

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

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UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES. DIMENSIONS IN [] ARE MILLIMETERS.		PE PASTERNAK an INFINITE brand		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
TOLERANCES:		Website: www.Pasternack.com		SCALE	
.X = ±.2 [5]		Phone: 1.866.727.8376 1.949.261.1920		NONE	
.XX = ±.02 [0.5]		CABLE LENGTH TOLERANCES:		SHEET	
.XXX = ±.005 [0.13]		>12 [305] ≤ 60 [1524] = ±.1 [25] / -0		1 OF 1	
ANGLES ± 1°		>60 [1524] ≤ 120 [3048] = ±.1 [25] / -0		DESCRIPTION	
ALL DIMENSIONS ARE FOR REFERENCE ONLY. DIMENSIONS SHALL BE TO UNLESS OTHERWISE SPECIFIED.		>120 [3048] ≤ 300 [7620] = ±.5% / -0		7/16 DIN MALE RIGHT ANGLE TO N MALE RIGHT ANGLE CABLE USING RG393 COAX	
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