



7/16 DIN Male Right Angle to 7/16 DIN Female 4 Hole Flange Cable Using RG393 Coax with HeatShrink

RF Cable Assemblies Technical Data Sheet

PE39985/HS

Configuration

- Connector 1: 7/16 DIN Male Right Angle
- Connector 2: 7/16 DIN Female 4 Hole Flange
- Cable Type: RG393

Features

- 69.5% Phase Velocity
- Double Shielded
- FEP Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE39985/HS 7/16 DIN male right angle to 7/16 DIN female 4 hole flange 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 7/16 DIN cable assembly has a male to female gender configuration with 50 ohm flexible RG393 coax. The right angle 7/16 DIN interface on the RG393 cable allows for easier connections in tight spaces. Our RF cable assembly with 7/16 DIN 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		69.5		%
Capacitance		29.4 [96.46]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Weight 0.808 lbs [366.5 g]

Cable

Cable Type RG393
 Impedance 50 Ohms
 Inner Conductor Type Stranded

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 7/16 DIN Female 4 Hole Flange Cable Using RG393 Coax with HeatShrink PE39985/HS](#)



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Inner Conductor Material and Plating	Copper, 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	0.39 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	7/16 DIN Female 4 Hole Flange
Specification	MIL-C-39012	MIL-C-39012
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Silver	Silver
Contact Plating Specification	QQ-S-365	QQ-S-365
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	QQ-N-290	QQ-N-290
Coupling Nut Material and Plating	Brass, Nickel	
Coupling Nut Plating Specification	QQ-N-290	
Hex Size	1 1/4 inch	

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

Plotted and Other Data

Notes:

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How to Order

Part Number Configuration:

PE39985/HS - xx uu

Unit of Measure:
cm = Centimeters
<blank> = Inches
Length
Base Number

Example: PE39985/HS-12 = 12 inches long cable
PE39985/HS-100cm = 100 cm long cable

7/16 DIN Male Right Angle to 7/16 DIN Female 4 Hole Flange Cable Using RG393 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.

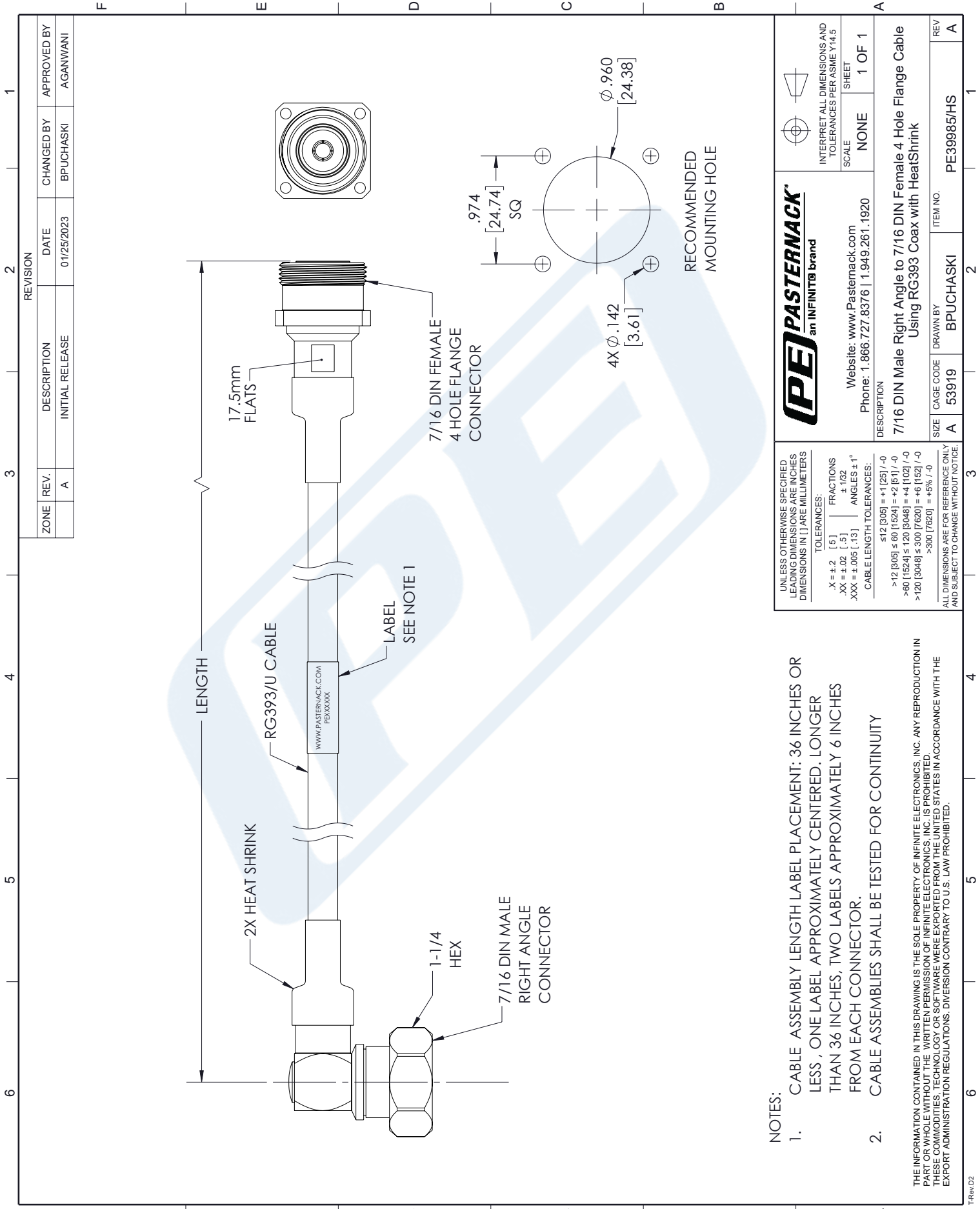
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URL: <https://www.pasternack.com/7-16-din-male-right-angle-to-7-16-din-female-4-hole-flange-cable-using-rg393-with-heatshrink-pe39985-hs-p.aspx>

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PE39985/HS CAD Drawing

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ZONE	REV.	DESCRIPTION	DATE	CHANGED BY	APPROVED BY
	A	INITIAL RELEASE	01/25/2023	BPUCHASKI	AGANWANI

PASTERNAK an INFINITO brand		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE: NONE SHEET: 1 OF 1	
Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920		DESCRIPTION: 7/16 DIN Male Right Angle to 7/16 DIN Female 4 Hole Flange Cable Using RG393 Coax with HeatShrink	
SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	53919	BPUCHASKI	PE39985/HS

NOTES:

- 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.
- CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY

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