



## 7/16 DIN Female 4 Hole Flange to 7/16 DIN Female 4 Hole Flange Cable Using RG393 Coax

### RF Cable Assemblies Technical Data Sheet

**PE3W08571**

#### Configuration

- Connector 1: 7/16 DIN Female 4 Hole Flange
- 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 PE3W08571 7/16 DIN female 4 hole flange 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 female to female gender configuration with 50 ohm flexible RG393 coax. 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 0.757 lbs [343.37 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 Female 4 Hole Flange to 7/16 DIN Female 4 Hole Flange Cable Using RG393 Coax PE3W08571](#)



7/16 DIN Female 4 Hole Flange to 7/16 DIN Female  
4 Hole Flange Cable Using RG393 Coax

**RF Cable Assemblies Technical Data Sheet**

**PE3W08571**

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 Female 4 Hole Flange	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

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

**Plotted and Other Data**

Notes:

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 Female 4 Hole Flange to 7/16 DIN Female 4 Hole Flange Cable Using RG393 Coax PE3W08571](#)



7/16 DIN Female 4 Hole Flange to 7/16 DIN Female  
4 Hole Flange Cable Using RG393 Coax

**RF Cable Assemblies Technical Data Sheet**

**PE3W08571**

**How to Order**

Part Number Configuration:

**PE3W08571**

- **xx**

**uu**

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

Example: PE3W08571-12 = 12 inches long cable  
PE3W08571-100cm = 100 cm long cable

7/16 DIN Female 4 Hole Flange to 7/16 DIN Female 4 Hole Flange 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.

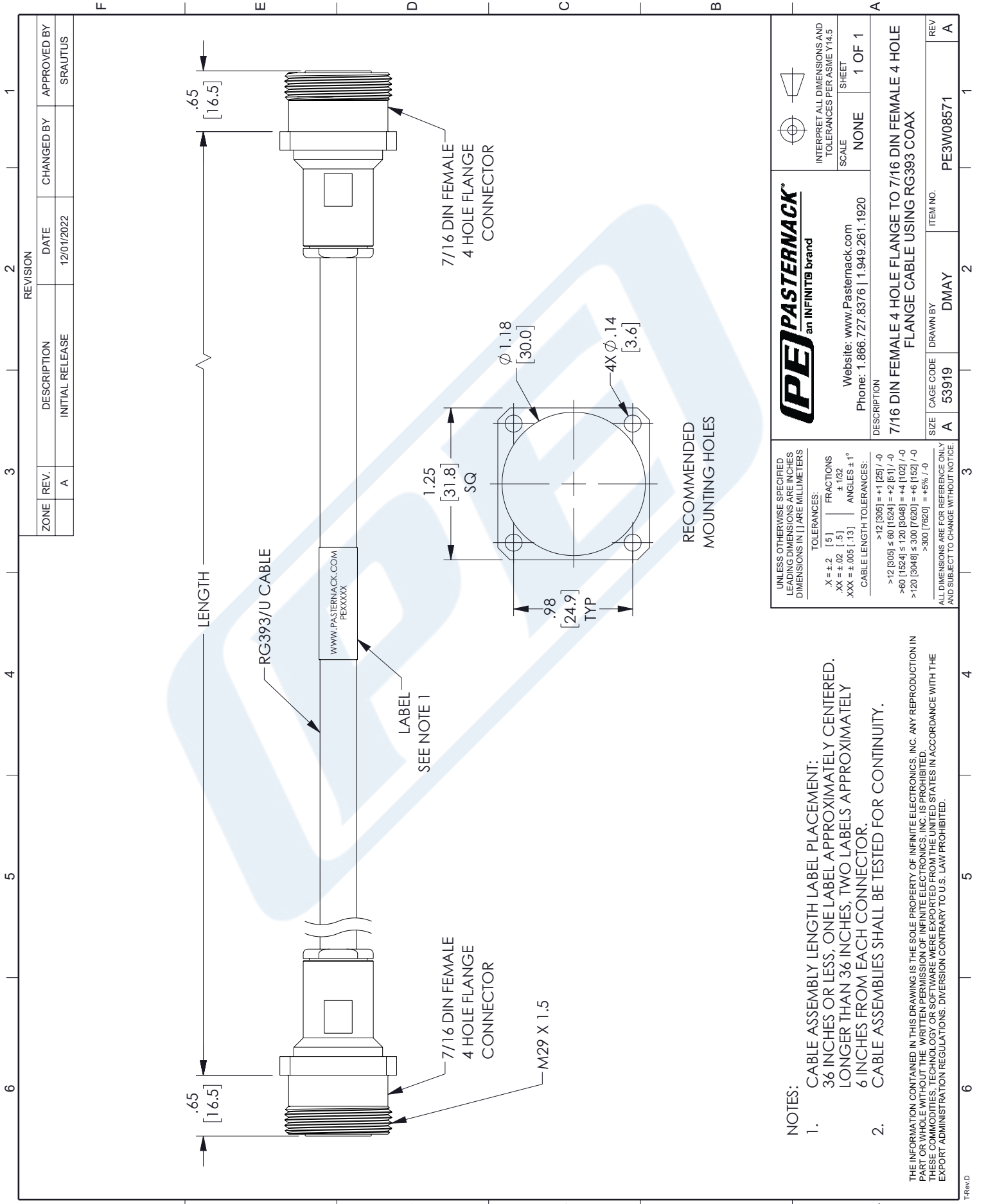
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [7/16 DIN Female 4 Hole Flange to 7/16 DIN Female 4 Hole Flange Cable Using RG393 Coax PE3W08571](#)

URL:

The information contained in 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 reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

# PE3W08571 CAD Drawing

7/16 DIN Female 4 Hole Flange to 7/16 DIN Female  
4 Hole Flange Cable Using RG393 Coax



INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5		SCALE	
NONE		1 OF 1	
SHEET		1 OF 1	

		Website: <a href="http://www.Pasternack.com">www.Pasternack.com</a> Phone: 1.866.727.8376   1.949.261.1920	
DESCRIPTION		ITEM NO.	
7/16 DIN FEMALE 4 HOLE FLANGE TO 7/16 DIN FEMALE 4 HOLE FLANGE CABLE USING RG393 COAX		DMAY	
SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	53919	DMAY	PE3W08571
REV		A	

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

X = ±.2 [5] FRACTIONS  
 .XX = ±.02 [.5] ± 1/32  
 .XXX = ±.005 [.13] ANGLES ± 1°

CABLE LENGTH TOLERANCES:

>12 [305] = +1 [25] / -0  
 >60 [1524] ≤ 60 [1524] = +2 [51] / -0  
 >120 [3048] ≤ 120 [3048] = +4 [102] / -0  
 >300 [7620] ≤ 300 [7620] = +6 [152] / -0  
 >300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE.

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.

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.