75 Ohm F Female Bulkhead to 75 Ohm F Male Cable Using 75 Ohm RG179 Coax with HeatShrink

PE3C6761/HS

Configuration

- Connector 1: F Female Bulkhead
- Connector 2: F Male
- Cable Type: RG179
- Coax Flex Type: Flexible

Features

- 70% Phase Velocity
- FEP Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C6761/HS 75 ohm type F female bulkhead to 75 ohm type F male cable using 75 ohm RG179 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 type F to type F cable assembly has a female to male gender configuration with 75 ohm flexible RG179 coax. Our RF cable assembly with type F bulkhead 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.

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		19.4 [63.65]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Width/Diameter	0.5 in [12.7 mm]
Weight	0.031 lbs [14.06 g]

Cable

Cable Type	RG179
Impedance	75 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Silver Plated Copper Braid

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Jacket Material	FEP, Tan
Jacket Diameter	0.1 in [2.54 mm]
Repeated Minimum Bend Radius	0.4 in [10.16 mm]

Connectors

Description	Connector 1	Connector 2
Type	F Female Bulkhead	F Male
Impedance	75 Ohms	75 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Brass, 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	
Coupling Nut Material and Plating		Brass, Nickel
Hex Size		7/16 inch
Torque		12 in-lbs 1.36 Nm

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: **PE3C6761/HS - xx uu**

- uu — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches
- xx — Length
- PE3C6761/HS — Base Number

Example: PE3C6761/HS-12 = 12 inches long cable
PE3C6761/HS-100cm = 100 cm long cable

75 Ohm F Female Bulkhead to 75 Ohm F Male Cable Using 75 Ohm RG179 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: 75 Ohm F Female Bulkhead to 75 Ohm F Male Cable Using 75 Ohm RG179 Coax with HeatShrink PE3C6761/HS

URL: https://www.pasternack.com/75-ohm-f-female-bulkhead-to-75-ohm-f-male-cable-using-rg179-with-heatshrink-pe3c6761-hs-p.aspx

PE3C6761/HS CAD Drawing

75 Ohm F Female Bulkhead to 75 Ohm F Male Cable Using 75 Ohm RG179 Coax with HeatShrink