

75 Ohm Mini SMB Plug to 75 Ohm F Female Bulkhead Cable Using 75 Ohm RG187 Coax

PE3W14721

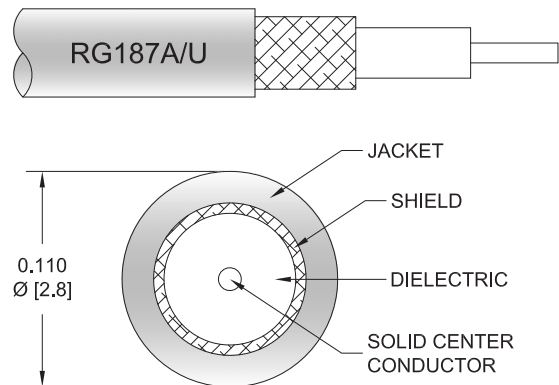


Configuration

- Connector 1: Mini SMB Plug
- Connector 2: F Female Bulkhead
- Cable Type: RG187
- Coax Flex Type: Flexible

Features

- 70% Phase Velocity
- PTFE Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W14721 75 ohm Mini SMB plug to 75 ohm type F female bulkhead cable using 75 ohm RG187 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 Mini SMB to type F cable assembly has a plug to female gender configuration with 75 ohm flexible RG187 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		19.5 [63.98]		pF/ft [pF/m]
DC Resistance Inner Conductor		245 [803.81]		Ohms/1000ft [Ohms/Km]

Mechanical Specifications

Cable Assembly

Width/Diameter	0.5 in [12.7 mm]
Weight	0.046 lbs [20.87 g]

Cable

Cable Type	RG187
Impedance	75 Ohms

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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
Jacket Material	PTFE, White
Jacket Diameter	0.102 in [2.59 mm]

Connectors

Description	Connector 1	Connector 2
Type	Mini SMB Plug	F Female Bulkhead
Impedance	75 Ohms	75 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Beryllium Copper, Gold	Brass, Gold
Contact Plating Specification	30 µin minimum	30 µin minimum
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	100 µin minimum	100 µin minimum

Environmental Specifications

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

Plotted and Other Data

Notes:

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PE3W14721

Typical Performance Data

How to Order

Part Number Configuration:

PE3W14721

- xx

uu

Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: PE3W14721-12 = 12 inches long cable
PE3W14721-100cm = 100 cm long cable

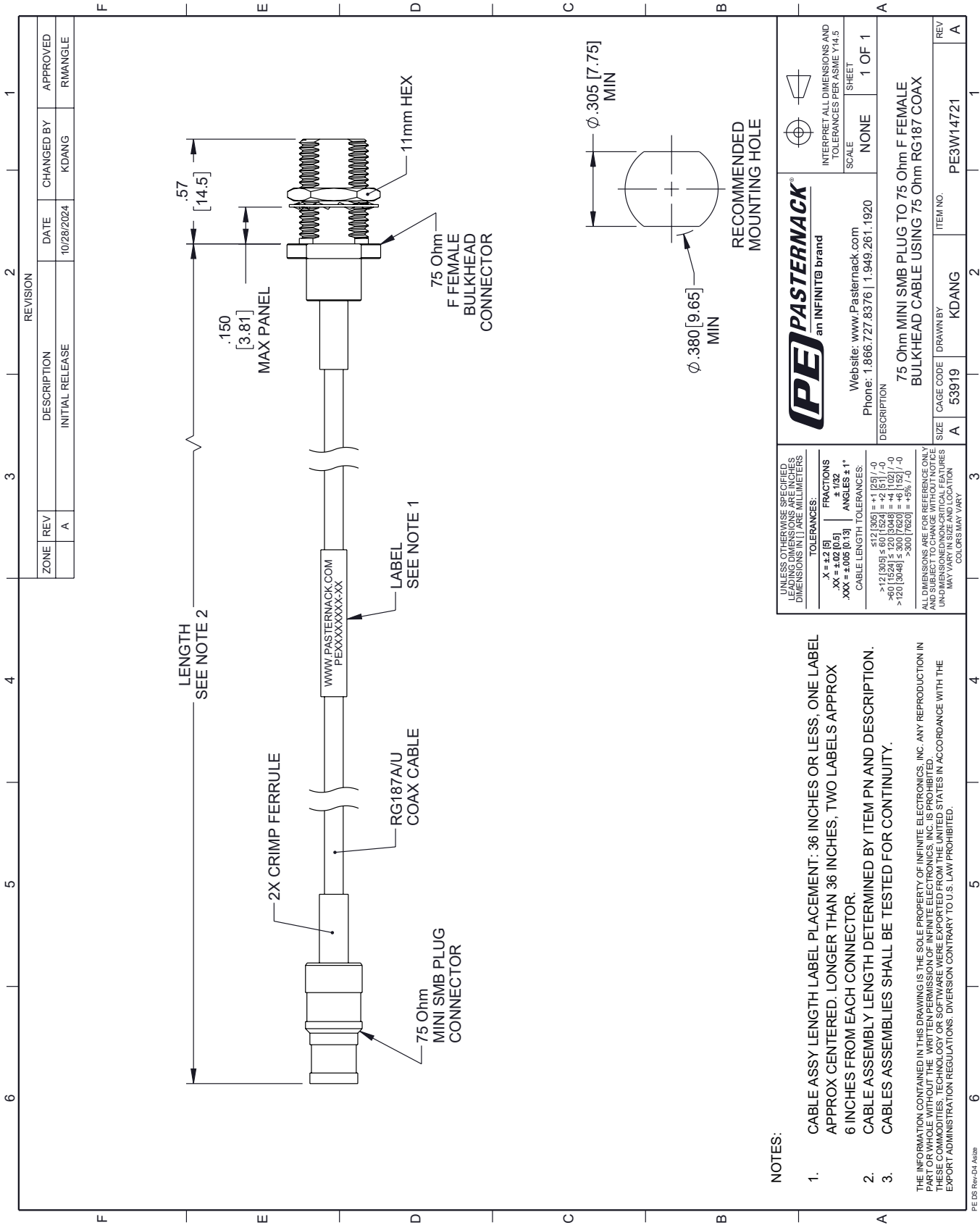
75 Ohm Mini SMB Plug to 75 Ohm F Female Bulkhead Cable Using 75 Ohm RG187 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm Mini SMB Plug to 75 Ohm F Female Bulkhead Cable Using 75 Ohm RG187 Coax PE3W14721](https://www.pasternack.com/75-ohm-mini-smb-plug-to-75-ohm-f-female-bulkhead-cable-using-rg187-pe3w14721-p.aspx)

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PE3W14721 CAD Drawing
75 Ohm Mini SMB Plug to 75 Ohm F Female Bulkhead Cable Using 75 Ohm RG187 Coax



NOTES:

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

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