



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

RF Cable Assemblies Technical Data Sheet

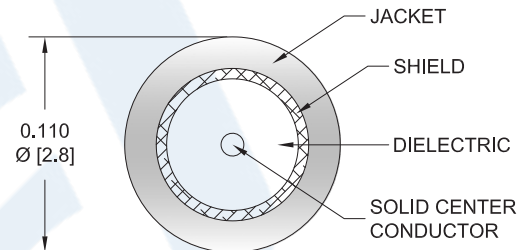
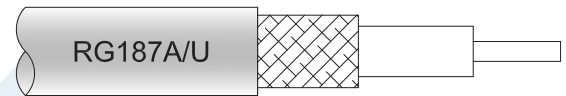
PE3W07602

**Configuration**

- Connector 1: Mini SMB Plug Right Angle
- Connector 2: F Female Bulkhead
- Cable Type: RG187

**Features**

- PTFE Jacket



**Applications**

- General Purpose
- Laboratory Use

**Description**

Pasternack's PE3W07602 75 ohm Mini SMB plug right angle 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. The right angle Mini SMB interface on the RG187 cable allows for easier connections in tight spaces. 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.

**Mechanical Specifications**

**Cable Assembly**

Diameter 0.509 in [12.93 mm]

**Cable**

Cable Type	RG187
Impedance	75 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1

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 Right Angle to 75 Ohm F Female Bulkhead Cable Using 75 Ohm RG187 Coax PE3W07602](#)



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

RF Cable Assemblies Technical Data Sheet

PE3W07602

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 Right Angle	F Female Bulkhead
Impedance	75 Ohms	75 Ohms
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

Mechanical Specification Notes:

\*All cable assemblies have a length tolerance of 1.5% or ± 3/8", whichever is greater.

**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: [75 Ohm Mini SMB Plug Right Angle to 75 Ohm F Female Bulkhead Cable Using 75 Ohm RG187 Coax PE3W07602](#)



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

RF Cable Assemblies Technical Data Sheet

PE3W07602

**How to Order**

Part Number Configuration:

**PE3W07602**

- **xx**

**uu**

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

Example: PE3W07602-12 = 12 inches long cable  
PE3W07602-100cm = 100 cm long cable

75 Ohm Mini SMB Plug Right Angle 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 Right Angle to 75 Ohm F Female Bulkhead Cable Using 75 Ohm RG187 Coax PE3W07602](#)

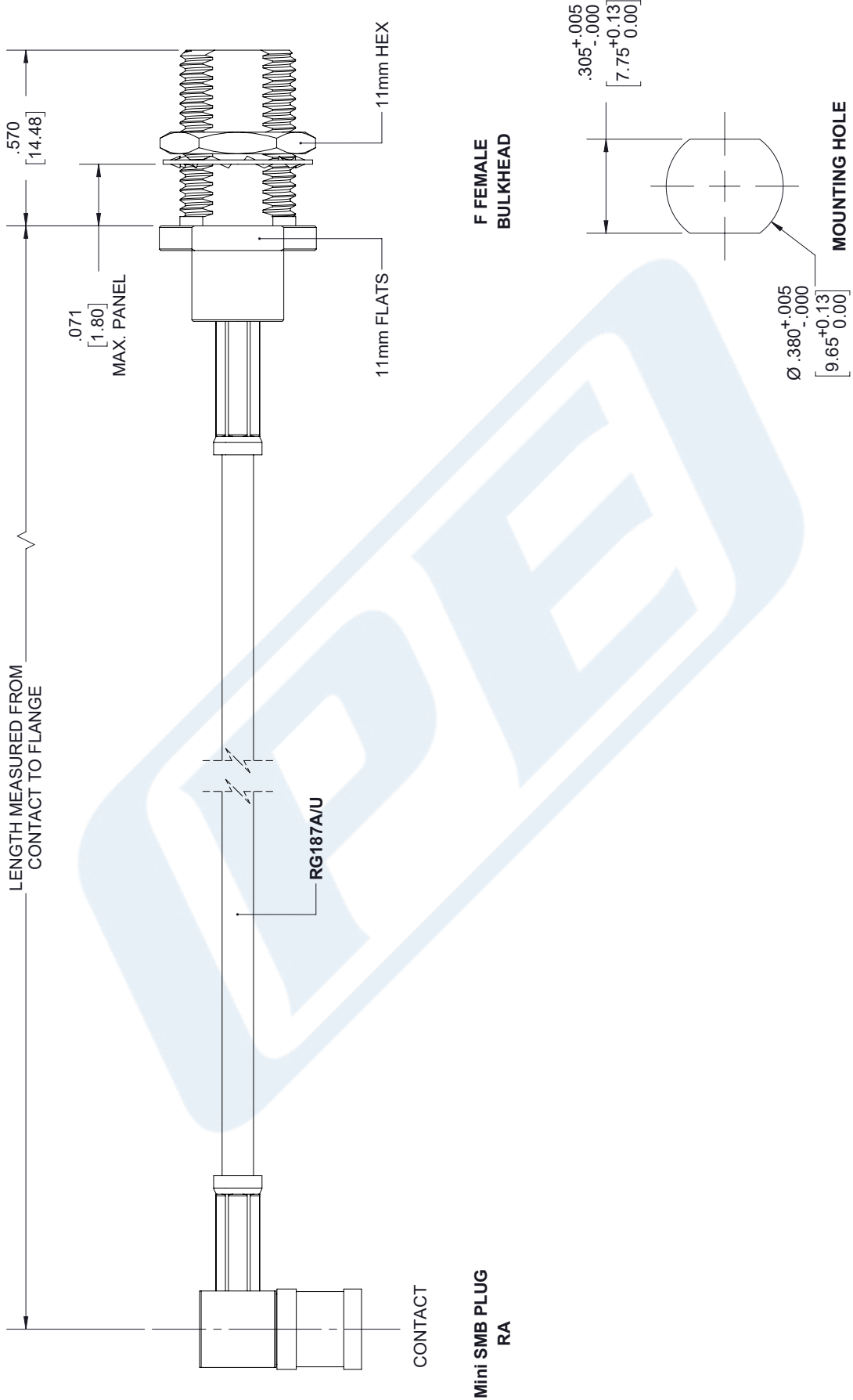
URL: <https://www.pasternack.com/mini-smb-plug-f-female-rg187au-cable-assembly-pe3w07602-p.aspx>

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.

# PE3W07602 CAD Drawing

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

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	04/23/19	S. ELLIS



<p>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS</p> <p>TOLERANCES:</p> <table border="0"> <tr> <td>X±.2</td> <td>[5.08]</td> <td>FRACTIONS</td> </tr> <tr> <td>.XX±.01</td> <td>[.25]</td> <td>±.132</td> </tr> <tr> <td>.XXX±.005</td> <td>[.13]</td> <td>ANGLES ± 1°</td> </tr> </table> <p>ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.</p> <p>THIRD-ANGLE PROJECTION</p>		X±.2	[5.08]	FRACTIONS	.XX±.01	[.25]	±.132	.XXX±.005	[.13]	ANGLES ± 1°	<p>THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF PASTERNAK CORPORATION. ALL RIGHTS RESERVED.</p> <p>SHEET 1 OF 1</p> <p>SCALE N/A</p>	
X±.2	[5.08]	FRACTIONS										
.XX±.01	[.25]	±.132										
.XXX±.005	[.13]	ANGLES ± 1°										
<p>www.pasternack.com   e-mail: sales@pasternack.com</p>		<p>Pasternack Enterprises, Inc. P.O. Box 16759, Irvine, CA 92623. Phone: 1.949.261.1920   1.866.727.8376 Fax: 1.949.261.7451</p>										
<p>SIZE A</p>	<p>CAGE DRAWN BY K.DANG</p>	<p>PART NUMBER PE3W07602</p>	<p>REV A</p>									

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.