

Mini SMP Female Right Angle to SSMC Jack Bulkhead Cable Using RG405 Coax

PE3W15667

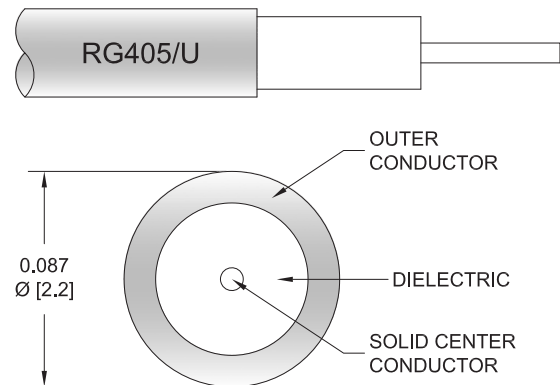


Configuration

- Connector 1: Mini SMP Female Right Angle
- Connector 2: SSMC Jack Bulkhead
- Cable Type: RG405
- Coax Flex Type: Semi-Rigid

Features

- Max Frequency 12.4 GHz
- Shielding Effectivity > -110 dB
- 69.5% Phase Velocity



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W15667 Mini SMP female right angle to SSMC jack bulkhead cable using RG405 coax is part of our full line of RF components available for same-day shipping. Pasternack's semi-rigid RF cable assemblies are ideal for high performance applications and can be formed, using proper tooling, to the routing pattern required. This Pasternack Mini SMP to SSMC cable assembly has a female to jack gender configuration with 50 ohm semi-rigid RG405 coax. The PE3W15667 Mini SMP female to SSMC jack cable assembly operates to 12.4 GHz. The right angle Mini SMP interface on the RG405 cable allows for easier connections in tight spaces. Our RF cable assembly with SSMC 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
Frequency Range	DC		12.4	GHz
VSWR			1.4:1	
Velocity of Propagation		69.5		%
RF Shielding	-110			
Capacitance		29.4 [96.46]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

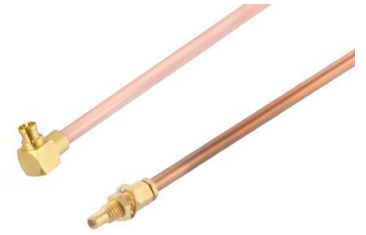
Width/Diameter

0.5 in [12.7 mm]

Weight

0.027 lbs [12.25 g]

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Cable

Cable Type	RG405
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Outer Conductor 1 Material and Plating	Copper
Jacket Material	Tan
Repeated Minimum Bend Radius	0.05 in [1.27 mm]

Connectors

Description	Connector 1	Connector 2
Type	Mini SMP Female Right Angle	SSMC Jack Bulkhead
Specification	MIL-STD-348A	
Impedance	50 Ohms	50 Ohms
Configuration	Right Angle	Straight
Mating Cycles		500
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Specification		MIL-G-45204
Dielectric Type	PTFE	Teflon
Outer Conductor Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Outer Conductor Plating Specification		MIL-G-45204
Body Material and Plating	Brass, Gold	Beryllium Copper, Gold
Body Plating Specification		MIL-G-45204
Torque		1.75 in-lbs 0.2 Nm

Environmental Specifications

Operating Range Temperature	-55 to +125 deg C
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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PE3W15667

Typical Performance Data

How to Order

Part Number Configuration: **PE3W15667 - xx uu**

Unit of Measure:
cm = Centimeters
<blank> = Inches

Length

Base Number

Example: PE3W15667-12 = 12 inches long cable
PE3W15667-100cm = 100 cm long cable

Mini SMP Female Right Angle to SSMC Jack Bulkhead Cable Using RG405 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: [Mini SMP Female Right Angle to SSMC Jack Bulkhead Cable Using RG405 Coax PE3W15667](#)

URL: <https://www.pasternack.com/mini-smp-female-right-angle-to-ssmc-jack-bulkhead-cable-using-rg405-pe3w15667-p.aspx>

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

PE3W15667 CAD Drawing
Mini SMP Female Right Angle to SSMC Jack Bulkhead Cable Using RG405 Coax

