

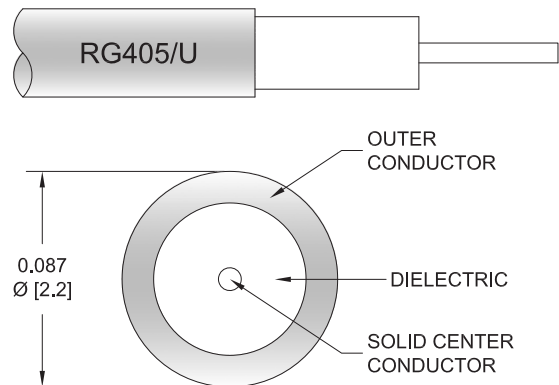
SMA Male to Mini SMP Female Cable Using RG405 Coax



PE3W00427

Configuration

- Connector 1: SMA Male
- Connector 2: Mini SMP Female
- Cable Type: RG405
- Coax Flex Type: Semi-Rigid



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W00427 SMA male to Mini SMP female 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 SMA to Mini SMP cable assembly has a male to female gender configuration with 50 ohm semi-rigid RG405 coax.

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

Width/Diameter	0.5 in [12.7 mm]
Weight	0.03 lbs [13.61 g]

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
Shield Layer 1	Copper
Jacket Material	Tan

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Connectors

Description	Connector 1	Connector 2
Type	SMA Male	Mini SMP Female
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Mating Cycles	500	
Contact Material and Plating	Brass, Gold	Beryllium Copper, Gold
Contact Plating Specification	50µ in. minimum, MIL-G-45204	MIL-G-45204
Dielectric Type	PTFE	Teflon
Body Material and Plating	Stainless Steel, Gold	Beryllium Copper, Gold
Body Plating Specification	MIL-G-45204	MIL-G-45204
Coupling Nut Material and Plating	Brass, Nickel	
Coupling Nut Plating Specification	QQ-N-290	
Hex Size	16-May in.	
Torque	5 in-lbs 0.57 Nm	

Environmental Specifications

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

Plotted and Other Data

Notes:

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PE3W00427

Typical Performance Data

How to Order

Part Number Configuration:

PE3W00427

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Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: PE3W00427-12 = 12 inches long cable
PE3W00427-100cm = 100 cm long cable

SMA Male to Mini SMP Female 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: [SMA Male to Mini SMP Female Cable Using RG405 Coax PE3W00427](#)

URL: <https://www.pasternack.com/sma-male-to-mini-smp-female-cable-using-rg405-pe3w00427-p.aspx>

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PE3W00427 CAD Drawing

SMA Male to Mini SMP Female Cable Using RG405 Coax

