



## SMA Male Right Angle to SMA Male Right Angle Cable 60 Inch Length Using RG402 Coax

### RF Cable Assemblies Technical Data Sheet

PE3819-60

#### Configuration

- Connector 1: SMA Male Right Angle
- Connector 2: SMA Male Right Angle
- Cable Type: RG402

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		12.4	GHz
VSWR			1.5:1	
Capacitance		29.9 [98.1]		pF/ft [pF/m]
Dielectric Withstanding Voltage (AC)			1,000	Vrms

#### Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.5	1	2.5	5	12.4	GHz
Insertion Loss (Typ.)	0.5	0.8	1.075	1.533	2.75	dB
VSWR (Max.)	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1	

#### Mechanical Specifications

##### Cable Assembly

Length	60 in [152.4 cm]
Diameter	0.315 in [8 mm]
Weight	0.201 lbs [91.17 g]

##### Cable

Cable Type	RG402
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

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Right Angle to SMA Male Right Angle Cable 60 Inch Length Using RG402 Coax PE3819-60](#)



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**Connectors**

Description	Connector 1	Connector 2
Type	SMA Male Right Angle	SMA Male Right Angle
Specification	MIL-STD-348A	MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification	50µ in. minimum	50µ in. minimum
Dielectric Type	Teflon	Teflon
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel
Coupling Nut Plating Specification	100µ in. minimum	100µ in. minimum
Hex Size	5/16 in	5/16 in
Torque	5 in-lbs [0.57 Nm]	5 in-lbs [0.57 Nm]
Body Material and Plating	Stainless Steel, Gold	Stainless Steel, Gold
Body Plating Specification	30µ in. minimum	30µ in. minimum

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

For RoHS Compliant version, use PE3819LF-60. Contact Pasternack if product cannot be found.

REACH Compliant

12/19/2011

**Plotted and Other Data**

Notes:

- Values at 25°C, sea level.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Right Angle to SMA Male Right Angle Cable 60 Inch Length Using RG402 Coax PE3819-60](#)

## How to Order

Part Number Configuration:

**PE3819**

- **XX**

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

Example: PE3819-12 = 12 inches long cable  
PE3819-100cm = 100 cm long cable

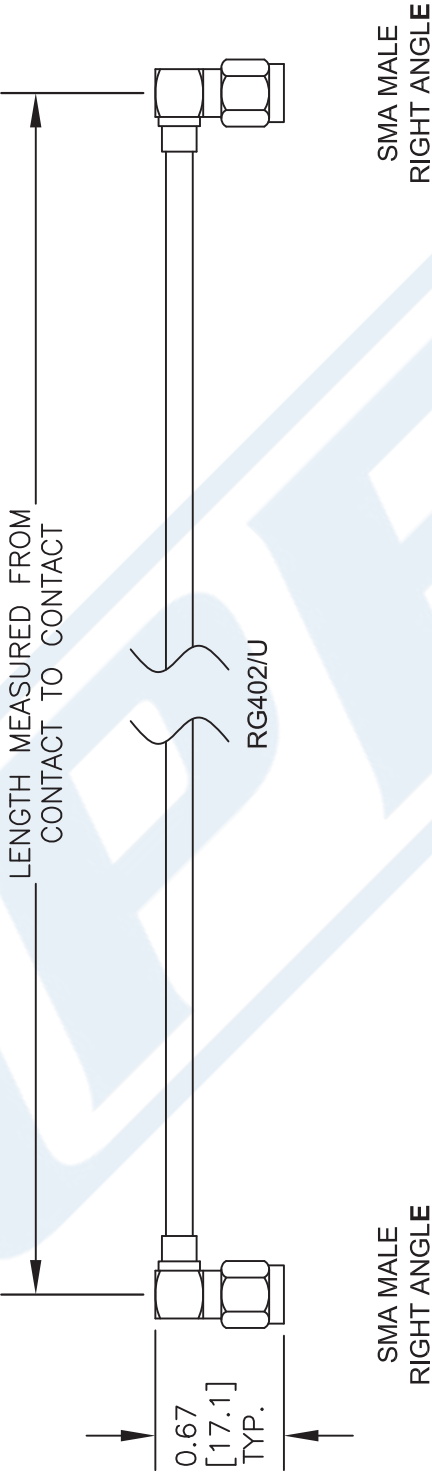
SMA Male Right Angle to SMA Male Right Angle Cable 60 Inch Length Using RG402 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Right Angle to SMA Male Right Angle Cable 60 Inch Length Using RG402 Coax PE3819-60](#)

URL: <https://www.pasternack.com/sma-male-sma-male-rg402u-cable-assembly-pe3819-60-p.aspx>

PE3819-60 CAD Drawing

SMA Male Right Angle to SMA Male Right Angle Cable 60 Inch Length Using RG402 Coax



NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
3. DIMENSIONS ARE IN INCHES [mm].  
4. LENGTH TOLERANCE IS  $\pm 1.5\%$  OR  $3/8"$ , WHICHEVER IS GREATER.

DWG TITLE  
**PE3819**

FSCM NO. 53919

CAD FILE 062716

SCALE N/A

SIZE A

2233

**PE PASTERNAK®**  
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