



SMA Male to SMA Female Bulkhead Cable  
6 Inch Length Using RG58 Coax

RF Cable Assemblies Technical Data Sheet

PE3956-6

**Configuration**

- Connector 1: SMA Male
- Connector 2: SMA Female Bulkhead
- Cable Type: RG58

**Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Velocity of Propagation		65.9		%
RF Shielding	45			dB
Capacitance		30.8 [101.05]		pF/ft [pF/m]

**Mechanical Specifications**

**Cable Assembly**

Length*	6 in [152.4 mm]
Weight	0.041 lbs [18.6 g]

**Cable**

Cable Type	RG58
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper, Tin
Dielectric Type	PE
Number of Shields	1
Shield Layer 1	Tinned Copper Braid
Jacket Material	PVC (NC), Black
Jacket Diameter	0.195 in [4.95 mm]

One Time Minimum Bend Radius	2 in [50.8 mm]
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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 SMA Female Bulkhead Cable 6 Inch Length Using RG58 Coax PE3956-6](#)



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**Connectors**

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

Mechanical Specification Notes:

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

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

**Plotted and Other Data**

Notes:

- Values at 25°C, sea level.

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## SMA Male to SMA Female Bulkhead Cable 6 Inch Length Using RG58 Coax

### RF Cable Assemblies Technical Data Sheet

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#### How to Order

Part Number Configuration:

**PE3956**

**- xx**

**uu**

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

Example: PE3956-12 = 12 inches long cable  
PE3956-100cm = 100 cm long cable

SMA Male to SMA Female Bulkhead Cable 6 Inch Length Using RG58 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 SMA Female Bulkhead Cable 6 Inch Length Using RG58 Coax PE3956-6](#)

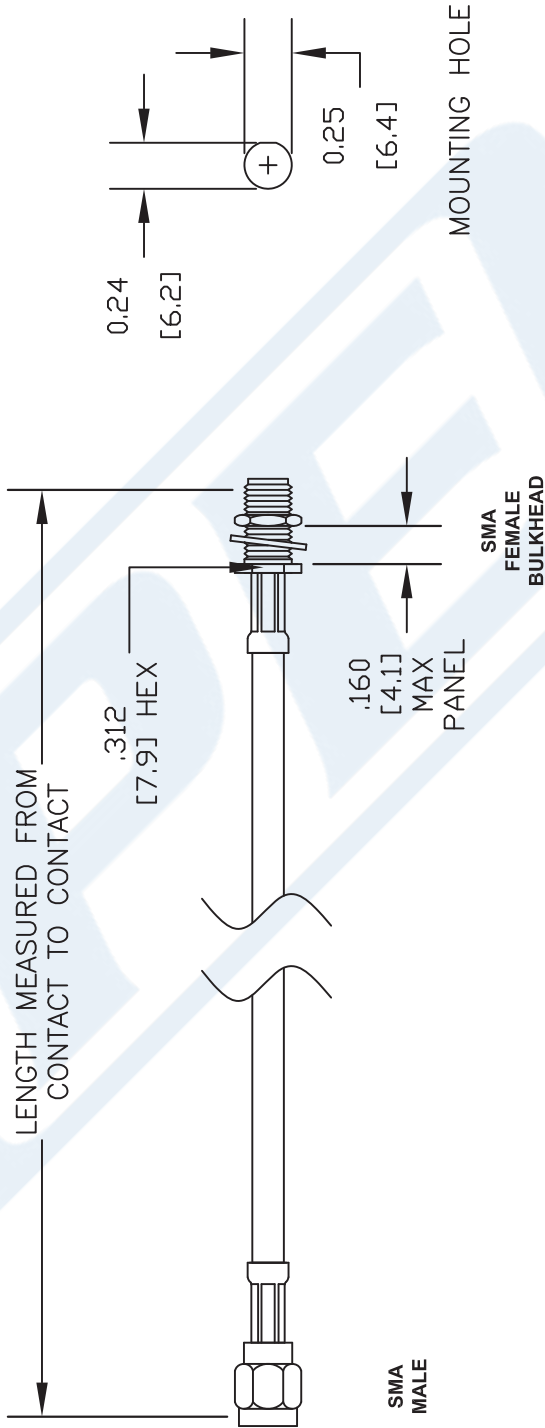
URL: <https://www.pasternack.com/sma-male-sma-female-rg58cu-cable-assembly-pe3956-6-p.aspx>

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.

PE3956-6 CAD Drawing

SMA Male to SMA Female Bulkhead Cable 6 Inch Length Using RG58 Coax

Standard Lengths	
-12	12"
-24	24"
-36	36"
-48	48"
-60	60"
-XXX	Custom Length in Inches



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  
**PE3956-XX**

REV. -	FSCM NO. 53919	CAD FILE 020108	SCALE N/A	SIZE A	127
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