



SMA Male to SMA Male Cable Using LMR-100 Coax

TECHNICAL DATA SHEET

PE3C0057

SMA Male to SMA Male Cable Using LMR-100 Coax

Configuration

Connector 1	SMA Male
Connector 1 Specification	MIL-STD-348A
Connector 2	SMA Male
Connector 2 Specification	MIL-STD-348A
Cable Type	LMR-100A

Electrical Specifications

Impedance, Ohms	50
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Mechanical Specifications

Cable Assembly

Cable Type	LMR-100A
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Temperature

Temperature Operating Range, deg C	-40 to +85
Temperature Storage Range, deg C	-70 to +85
Diameter, in [mm]	0.312 [7.92]
Weight, lbs [g]	0.036 [16.33]
Cable Color	Black
One Time Minimum Bend Radius, in [mm]	0.25 [6.35]
Repeated Minimum Bend Radius, in [mm]	1 [25.4]

Cable

No of Shields	2
Dielectric Type	PE
Jacket Material	PVC
Jacket Diameter, in [mm]	0.11 [2.79]

Connector 1

Type	SMA Male
Configuration	Straight
Inner Conductor Material and Plating	Gold
Inner Conductor Plating Specification	50μ in. minimum
Coupling Nut Material and Plating	Brass, Nickel
Coupling Nut Plating Specification	100μ in. minimum
Hex Size, in	5/16
Body Material and Plating	Brass, Nickel
Body Plating Specification	100μ in. minimum

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 Male Cable Using LMR-100 Coax PE3C0057](#)

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.



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Connector 2

Type	SMA Male
Configuration	Straight
Inner Conductor Material and Plating	Brass, Gold
Inner Conductor Plating Specification	50μ in. minimum
Coupling Nut Material and Plating	Brass, Nickel
Coupling Nut Plating Specification	100μ in. minimum
Hex Size, in	5/16
Body Material and Plating	Brass, Nickel
Body Plating Specification	100μ in. minimum

Compliance Certifications (visit www.Pasternack.com for current document)

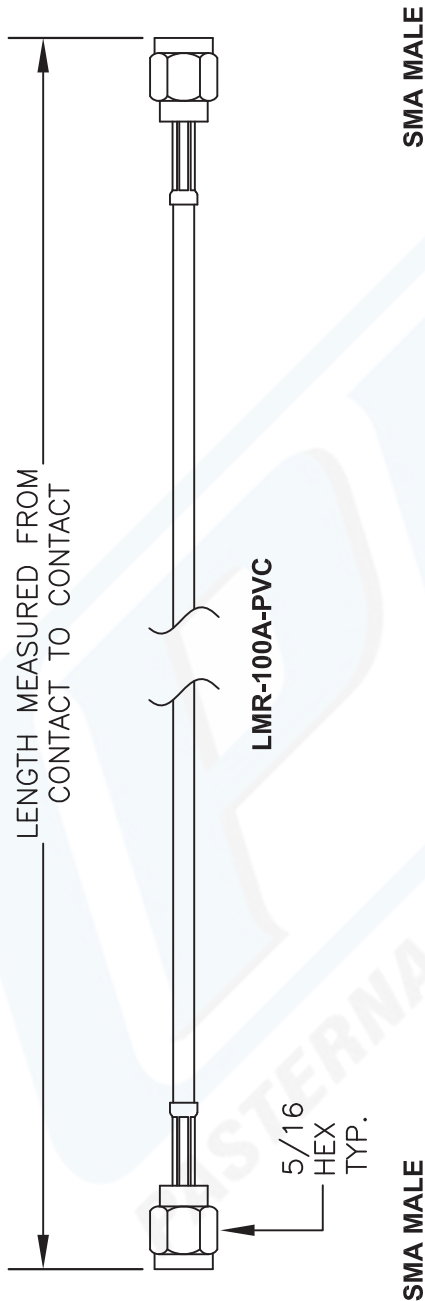
Plotted and Other Data

Notes: Values at 25 °C, sea level

URL: <http://www.pasternack.com/sma-male-sma-male-lmr100-cable-assembly-pe3c0057-p.aspx>

SMA Male to SMA Male Cable Using LMR-100 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

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How To Order			Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
Part Number Configuration		Examples	-12	12"	-25CM	25Cm
PE3	zzz	yy	-xx	uu	-50CM	50Cm
00 - 99999	LF = RoHS Compliant		-36	36"	-75CM	75Cm
< Blank	> = Standard		-48	48"	-100CM	100Cm
Note: LF applies only to RF cables		Length	-60	60"	-125CM	125Cm
			-xx	Custom Length	-xxCM	Custom Length

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.

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DWG TITLE
PE3C0057

FSCM NO. 53919

CAD FILE 020513

SCALE N/A

SIZE A

2233