PASTERNACK®
THE ENGINEER'S RF SOURCE

SMA Male to SMA Male Cable 72 Inch Length Using RG174 Coax, RoHS

RF Cable Assemblies Technical Data Sheet   PE3353LF-72

Configuration

- Connector 1: SMA Male
- Connector 2: SMA Male
- Cable Type: RG174

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
VSWR			1.4:1	
Velocity of Propagation		66		%
Capacitance		30.8 [101.05]		pF/ft [pF/m]

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	50	100	250	500	1,000	MHz
Insertion Loss (Max.)	0.45	0.7	1.02	1.47	2.12	dB
VSWR (Max.)	1.4:1	1.4:1	1.4:1	1.4:1	1.4:1	
Return Loss (Max.)	15.56	15.563	15.563	15.563	15.563	dB

Mechanical Specifications

Cable Assembly

Length	72 in [182.88 cm]
Diameter	0.312 in [7.92 mm]
Weight	0.063 lbs [28.58 g]

Cable

Cable Type	RG174
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel
Dielectric Type	PE (LD)
Number of Shields	1
Shield Layer 1	Tinned Copper Braid

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 72 Inch Length Using RG174 Coax, RoHS PE3353LF-72

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Jacket Material   PVC, Black
Jacket Diameter   0.1 in [2.54 mm]

Connectors

Description	Connector 1	Connector 2
Type	SMA Male	SMA Male
Specification	MIL-STD-348A	MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification	30µ in. Minimum	30µ in. Minimum
Dielectric Type	PTFE	PTFE
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	Brass, Nickel	Brass, Nickel
Body Plating Specification	100µ in. Minimum	100µ in. Minimum

Environmental Specifications
  Temperature
  Operating Range   -40 to +80 deg C

Compliance Certifications (visit www.Pasternack.com for current document)
  RoHS Compliant   Yes
  REACH Compliant   12/19/2011

Plotted and Other Data
  Notes:
  • Values at 25°C, sea level.

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How to Order

Part Number Configuration: **PE3353LF   - xx   uu**

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

Example: PE3353LF-12 = 12 inches long cable
             PE3353LF-100cm = 100 cm long cable

SMA Male to SMA Male Cable 72 Inch Length Using RG174 Coax, RoHS 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.

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URL: http://www.pasternack.com/sma-male-sma-male-rg174au-cable-assembly-pe3353lf-72-p.aspx
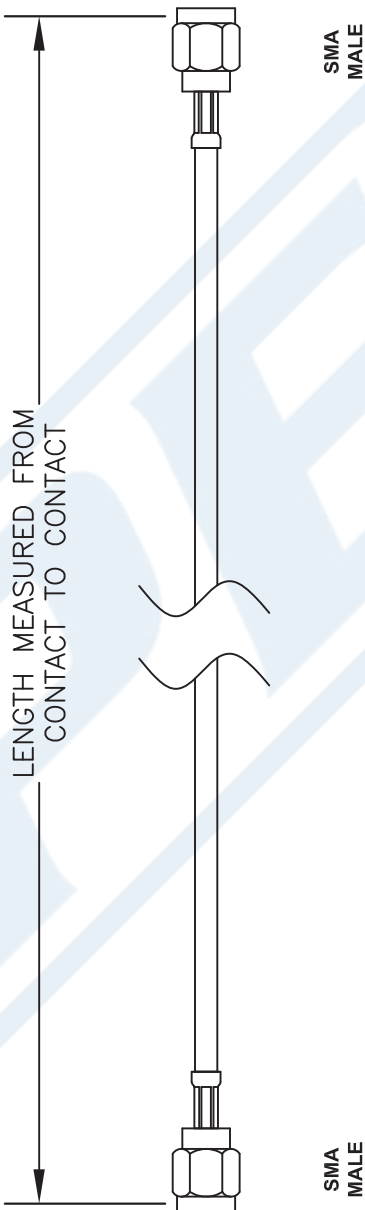
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PE3353LF-72 CAD Drawing
SMA Male to SMA Male Cable 72 Inch Length Using RG174 Coax, RoHS

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

RoHS 2002/95/EC
RoHS Compliance Certified

SMA MALE

SMA MALE

LENGTH MEASURED FROM CONTACT TO CONTACT

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 ± 1.5% OR 3/8", WHICHEVER IS GREATER.

DWG TITLE			
PE3353LF-XX			
REV. A	FSCM NO. 53919		

CAD FILE 021308	SCALE N/A	SIZE A
		127

PE3353LF-72 REV 1.0