



SMA Male to SMA Male Test Cable 50 CM
Length Using PE-P102 Coax, RoHS

TECHNICAL DATA SHEET

PE370-50CM

Configuration

Connector 1	SMA Male
Connector 2	SMA Male
Cable Type	PE-P102

Electrical Specifications

Frequency Range	DC to 26.5 GHz
Impedance	50 Ohms
Maximum VSWR	1.4:1
Velocity of Propagation	76 %
RF Shielding	90 dB
Peak Power	550 Watts

Typical Performance by Frequency

Frequency 1

Frequency	6 GHz
VSWR	1.25:1
Insertion Loss,	1.2 dB
Power Handling, Watts	160

Frequency 2

Frequency	12 GHz
VSWR	1.25:1
Insertion Loss	1.78 dB
Power Handling	110 Watts

Frequency 3

Frequency	18 GHz
VSWR	1.25:1
Insertion Loss	2.23 dB
Power Handling	89 Watts

Frequency 4

Frequency	26.5 GHz
VSWR	1.4:1
Insertion Loss	2.74 dB
Power Handling	73 Watts

Mechanical Specifications

Temperature

Temperature Operating Range	-65 to +165 deg C
-----------------------------	-------------------

Size

Length	19.68 in [499.87 mm]
Diameter	0.35 in [8.89 mm]
Cable Color	Gray

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 Test Cable 50 CM Length Using PE-P102 Coax, RoHS PE370-50CM



SMA Male to SMA Male Test Cable 50 CM
Length Using PE-P102 Coax, RoHS

TECHNICAL DATA SHEET

PE370-50CM

One Time Minimum Bend Radius
Repeated Minimum Bend Radius

0.32 in [8.13 mm]
0.32 in [8.13 mm]

Cable

Cable Type
Inner Conductor Type
Cable Inner Conductor
No of Shields
Dielectric Type
Jacket Material
Jacket Diameter

PE-P102
Stranded
Copper, Silver
3
PTFE
ETFE
0.102 in [2.59 mm]

Connector 1

Type
Configuration
Inner Conductor Material and Plating
Inner Conductor Plating Specification
Coupling Nut Material and Plating
Coupling Nut Plating Specification
Hex Size
Torque
Body Material and Plating
Body Plating Specification
Dielectric Type

SMA Male
Straight
Beryllium Copper, Gold
ASTM-B488 50µ In. Minimum
Passivated Stainless Steel
SAE-AMS-2700
5/16 Inch
8 in-lbs [0.9 Nm]
Passivated Stainless Steel
SAE-AMS-2700
PTFE

Connector 2

Type
Configuration
Inner Conductor Material and Plating
Inner Conductor Plating Specification
Coupling Nut Material and Plating
Coupling Nut Plating Specification
Hex Size
Torque
Body Material and Plating
Body Plating Specification
Dielectric Type

SMA Male
Straight
Beryllium Copper, Gold
ASTM-B488 50µ In. Minimum
Passivated Stainless Steel
SAE-AMS-2700
5/16 Inch
8 in-lbs [0.9 Nm]
Passivated Stainless Steel
SAE-AMS-2700
PTFE

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

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 Test Cable 50 CM Length Using PE-P102 Coax, RoHS PE370-50CM](#)



SMA Male to SMA Male Test Cable 50 CM
Length Using PE-P102 Coax, RoHS

TECHNICAL DATA SHEET

PE370-50CM

Notes:

- Values at +25 °C, sea level

SMA Male to SMA Male Test Cable 50 CM Length Using PE-P102 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.

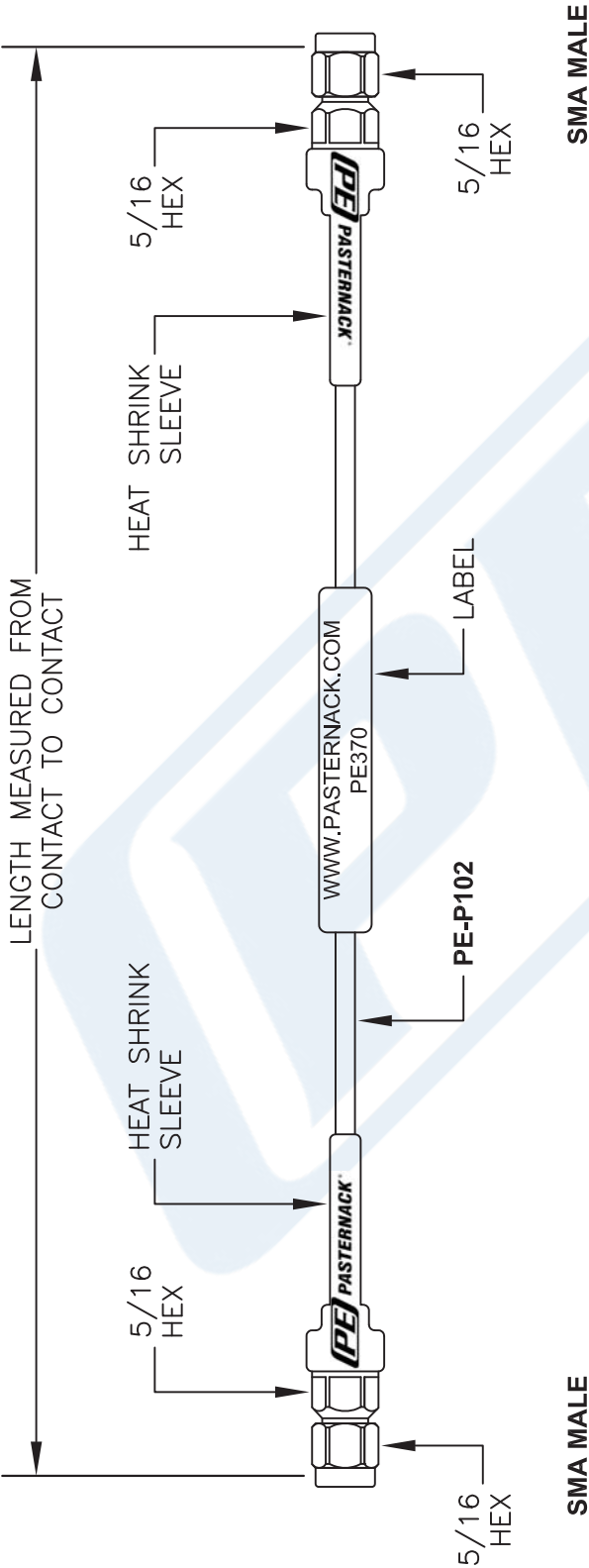
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male to SMA Male Test Cable 50 CM Length Using PE-P102 Coax, RoHS PE370-50CM](#)

URL: <http://www.pasternack.com/sma-male-sma-male-pe-p102-cable-assembly-pe370-50cm-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.

PE370-50CM CAD Drawing

SMA Male to SMA Male Test Cable 50 CM Length Using PE-P102 Coax, RoHS



NOTE:
LABEL FOR CABLE LENGTHS 48" OR SHORTER TO BE CENTERED. 48" OR LONGER WILL BE 12" AWAY FROM CONNECTOR.

How To Order		Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
Part Number Configuration PE3 [zzz] - [xx] [uu] 00 - 99999 CM = Centimeters < Blank > = Inches Length	Examples PE3000-100 PE3000-100CM	-12	12"	-25CM	25Cm
		-24	24"	-50CM	50Cm
		-36	36"	-75CM	75Cm
		-48	48"	-100CM	100Cm
		-60	60"	-125CM	125Cm
		-xx	Custom Length	-xxCM	Custom Length



PASTERNAK®
Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | Fax: (949) 261-7451
Website: www.pasternack.com | E-Mail: sales@pasternack.com

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

PE370

FSCM NO. 53919

CAD FILE 091713

SCALE N/A

SIZE A

2233