



SMA Female to SMA Female Cable Using RG402 Coax

PE3931

SMA Female to SMA Female .141 Semirigid Cable Assembly

Pasternack semirigid cable assembly are built in house and shipped same day using quality components.

- PE3931-xx Semirigid cable assemblies are available in standard inch lengths of 12, 24, 36, 48, and 60 inches . Custom lengths are available on request.
- 100% Continuity and RF tested
- Semirigid Cable Assemblies are available in any length with many connector combinations to meet your specific requirements
- Semirigid cable options include .141(RG402), .085(RG405), .250(RG401) and a limited selection of .047
- Our PE-SR402FL and PE-SR402FLJ Formable Coax versions with and without FEP jacket material are also available.

Configuration

Connector 1	SMA Female
Connector 2	SMA Female
Cable Type	RG402 (.141 Semirigid)

Electrical Specifications

Frequency Range (GHz)	0 to 18
Impedance (Ohms)	50
VSWR, Max	≤1.35:1
Insertion Loss, Maximum	0.66dB/ft + 0.2dB
Velocity of Propagation (%)	69.5
RF Shielding (dB)	>100
Power, Max Input (Avg Watts @ 1 GHz)	650

Frequency 1

Frequency (GHz)	0 to 6
VSWR	1.15:1
Insertion Loss	0.3dB/ft + 0.1dB

Frequency 2

Frequency (GHz)	6 to 12
VSWR	1.25:1
Insertion Loss	0.4dB/ft + 0.15dB

Frequency 3

Frequency (GHz)	12 to 18
VSWR	1.35:1
Insertion Loss	0.66db/ft + 0.2db

Click the following link for the additional product information:
[SMA Female to SMA Female Cable Using RG402 Coax PE3931](#)

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Mechanical Specifications

Cable Assembly

Cable Type	RG402 (.141 Semirigid)
Minimum Bend Radius, Repeated (in(mm))	0.15 (3.81)
Temperature Operating Range (deg C)	-55 to +125
Weight (Lbs)	0.0062 + .034/ft

Cable

Cable Inner Conductor	Silver covered Copper Clad Steel
No of Shields	1
Cable Outer Conductor	Bare Copper Tube
Dielectric Type	Solid PTFE
Jacket Diameter (in(mm))	0.141(0.358)

Connector 1

Type	SMA Female
Configuration	Straight
Mating Cycles	500
Body Material and Plating	Brass, Ni/Au
Inner Conductor Material and Plating	BeCu, Ni/Au
Outer Conductor Material and Plating	Brass, NiAu
Dielectric Type	PTFE

Connector 2

Type	SMA Female
Configuration	Straight
Mating Cycles	500
Body Material and Plating	Brass, Ni/Au
Inner Conductor Material and Plating	BeCu, Ni/Au
Outer Conductor Material and Plating	Brass, NiAu
Dielectric Type	PTFE

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

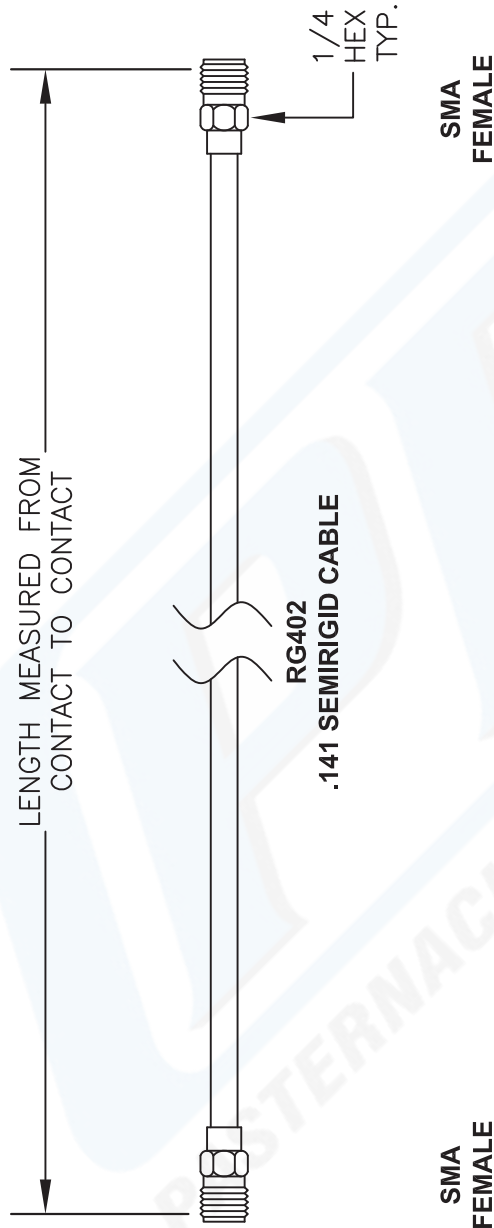
Other Data

URL: <http://www.pasternack.com/sma-female-sma-female-rg402u-cable-assembly-pe3931-p.aspx>

SMA Female to SMA Female Cable Using RG402 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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PE3931 CAD Drawing
 SMA Female to SMA Female Cable Using
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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]	PE3000LF-100	-24	24"	-50CM	50Cm
00 - 99999	PE3000-100	-36	36"	-75CM	75Cm
LF = Lead Free	PE3000LF-100CM	-48	48"	-100CM	100Cm
< Blank > = Standard	PE3000-100CM	-60	60"	-125CM	125Cm
Note: LF applies only to RF cables		-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 ± 1.5% OR 3/8", WHICHEVER IS GREATER.

DWG TITLE
PE3931

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