PASTERNACK®
www.pasternack.com

SMA Female to SMA Female Cable 48 Inch Length Using RG402 Coax



PE3931-48

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 PE3931-48

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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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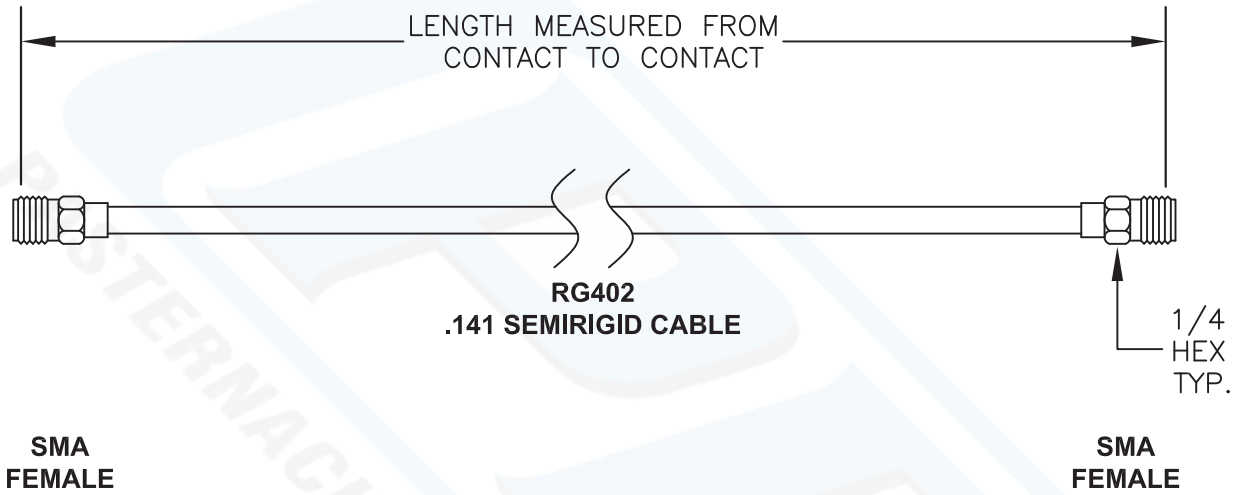
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PE3931-48 CAD Drawing

SMA Female to SMA Female Cable 48 Inch Length Using RG402 Coax



How To Order

Part Number Configuration

PE3 [zzz] [yy] - [xx] [uu]

- zzz: 00 - 99999
- yy: LF = Lead Free; < Blank > = Standard
- xx: Length
- uu: CM = Centimeters; < Blank > = Inches

Note: LF applies only to RF cables

Examples

- PE3000LF-100
- PE3000-100
- PE3000LF-100CM
- PE3000-100CM

Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
-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

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ESTABLISHED 1972

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COAXIAL & FIBER OPTICS

DWG TITLE

PE3931

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.

REV. -	FSCM NO. 53919	CAD FILE 080112	SCALE N/A	SIZE A	2233