PASTERNACK®
THE ENGINEER'S RF SOURCE

SMA Female to N Male Cable 200 cm Length Using PE-P141 Coax, RoHS

Configuration
Connector 1	SMA Female
Connector 2	N Male
Cable Type	PE-P141

Electrical Specifications
Frequency Range	DC to 18 GHz
Impedance	50 Ohms
Maximum VSWR	1.4:1
Velocity of Propagation	70 %
RF Shielding	110 dB
Dielectric Withstanding Voltage (AC)	500 Vrms

Typical Performance by Frequency

Frequency 1
Frequency	1000 MHz
VSWR	1.4:1
Return Loss	15.56 dB
Insertion Loss	0.13 dB/ft [0.43 dB/m]

Frequency 2
Frequency	2 GHz
VSWR	1.4:1
Return Loss	15.563 dB
Insertion Loss	0.185 dB/ft [0.61 dB/m]

Frequency 3
Frequency	4.5 GHz
VSWR	1.4:1
Return Loss	15.563 dB
Insertion Loss	0.27 dB/ft [0.89 dB/m]

Frequency 4
Frequency	9 GHz
VSWR	1.4:1
Return Loss	15.563 dB
Insertion Loss	0.425 dB/ft [1.39 dB/m]

Frequency 5
Frequency	18 GHz
VSWR	1.4:1
Return Loss	15.563 dB
Insertion Loss	0.64 dB/ft [2.1 dB/m]

Electrical Specification Notes:	Short lengths up to 12" long may exhibit VSWR measurements up to 9% higher.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Female to N Male Cable 200 cm Length Using PE-P141 Coax, RoHS PE356-200CM

SMA Female to N Male Cable 200 cm Length
Using PE-P141 Coax, RoHS

TECHNICAL DATA SHEET	PE356-200CM

Mechanical Specifications

Temperature

Temperature Operating Range	-55 to +125 deg C

Size

Length	78.74 in [200 cm]
Cable Color	Blue

Cable

Cable Type	PE-P141
Inner Conductor Type	Solid
Cable Inner Conductor	Copper Clad Steel, Silver
No of Shields	2
Dielectric Type	PTFE
Jacket Material	FEP
Jacket Diameter	0.163 in [4.14 mm]

Connector 1

Type	SMA Female
Configuration	Straight
Body Material and Plating	Passivated Stainless Steel

Connector 2

Type	N Male
Configuration	Straight
Coupling Nut Material and Plating	Passivated Stainless Steel
Body Material and Plating	Passivated Stainless Steel

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 Female to N Male Cable 200 cm Length Using PE-P141 Coax, RoHS PE356-200CM

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451

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PE356-200CM REV 1.0   2

TECHNICAL DATA SHEET   PE356-200CM

Plotted and Other Data
Notes:
- Values at +25 °C, sea level

SMA Female to N Male Cable 200 cm Length Using PE-P141 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.
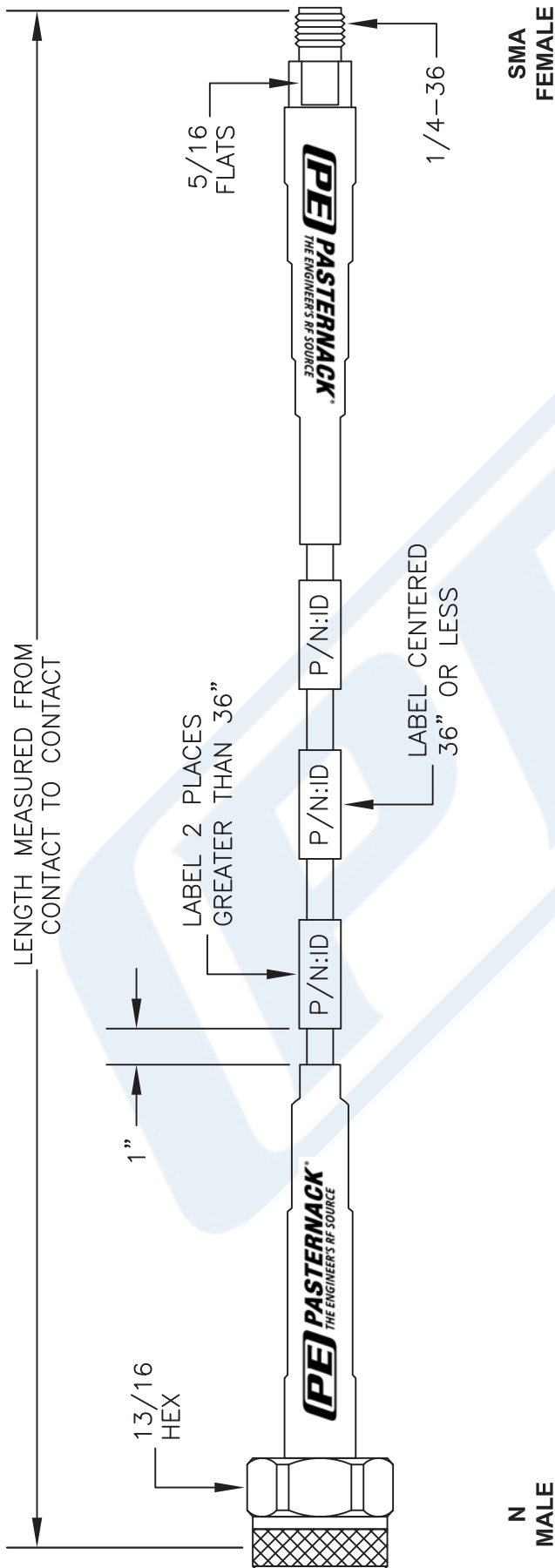
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URL: http://www.pasternack.com/sma-female-n-male-pe-p141-cable-assembly-pe356-200cm-p.aspx

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.

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SMA FEMALE

1/4—36

5/16 FLATS

LENGTH MEASURED FROM CONTACT TO CONTACT

LABEL 2 PLACES GREATER THAN 36"

LABEL CENTERED 36" OR LESS

P/N:ID

1"

13/16 HEX

N MALE

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.

		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

How To Order

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

Part Number Configuration

PE3zzzzz [yy] - [xx] [uu]

CM = Centimeters
< Blank > = Inches
Length

LF = RoHS Compliant
< Blank > = Standard

Note: LF applies only to RF cables

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DWG TITLE		
PE356		
FSCM NO. 53919	CAD FILE 111114	SCALE N/A
		SIZE A
		2233