



SMA Male to N Female Bulkhead Precision Cable
6 Inch Length Using 150 Series Coax, RoHS

TECHNICAL DATA SHEET

PE35954-6

SMA Male to N Female Bulkhead Precision Cable 6 Inch Length Using 150 Series Coax, RoHS

Configuration

Connector 1	SMA Male
Connector 2	N Female Bulkhead
Cable Type	150 Series

Electrical Specifications

Frequency Range, GHz	DC to 18
Impedance, Ohms	50
Maximum VSWR	1.4:1
Velocity of Propagation, %	69.5
RF Shielding, dB	90
Maximum Operating Voltage, Vrms	1,900

Electrical Specification Notes:

Short lengths up to 24" long may exhibit VSWR measurements up to 9% higher.

Mechanical Specifications

Cable Assembly

Cable Type	150 Series
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Temperature

Temperature Operating Range, deg C	-50 to +205
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Size

Length, in [mm]	6 [152.4]
One Time Minimum Bend Radius, in [mm]	1 [25.4]

Cable

Center Conductor Type	Solid
Cable Inner Conductor	Copper Clad Steel, Silver
No of Shields	1
Dielectric Type	PTFE
Jacket Material	FEP
Jacket Diameter, in [mm]	0.15 [3.81]

Connector 1

Type	SMA Male
Configuration	Straight
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Coupling Nut Material and Plating	Passivated Stainless Steel
Hex Size, in.	5/16
Torque, in-lbs [Nm]	8 [0.9]

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 N Female Bulkhead Precision Cable 6 Inch Length Using 150 Series Coax, RoHS PE35954-6](#)

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.



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Body Material and Plating
Dielectric Type

Passivated Stainless Steel
PTFE

Connector 2

Type
Configuration
Mount Method
Inner Conductor Material and Plating
Body Material and Plating
Dielectric Type

N Female Bulkhead
Straight
Bulkhead
Gold
Brass, Nickel
PTFE

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

RoHS Compliant

Yes

Plotted and Other Data

Notes:

Values at 25 °C, sea level

SMA Male to N Female Bulkhead Precision Cable 6 Inch Length Using 150 Series Coax, RoHS 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.

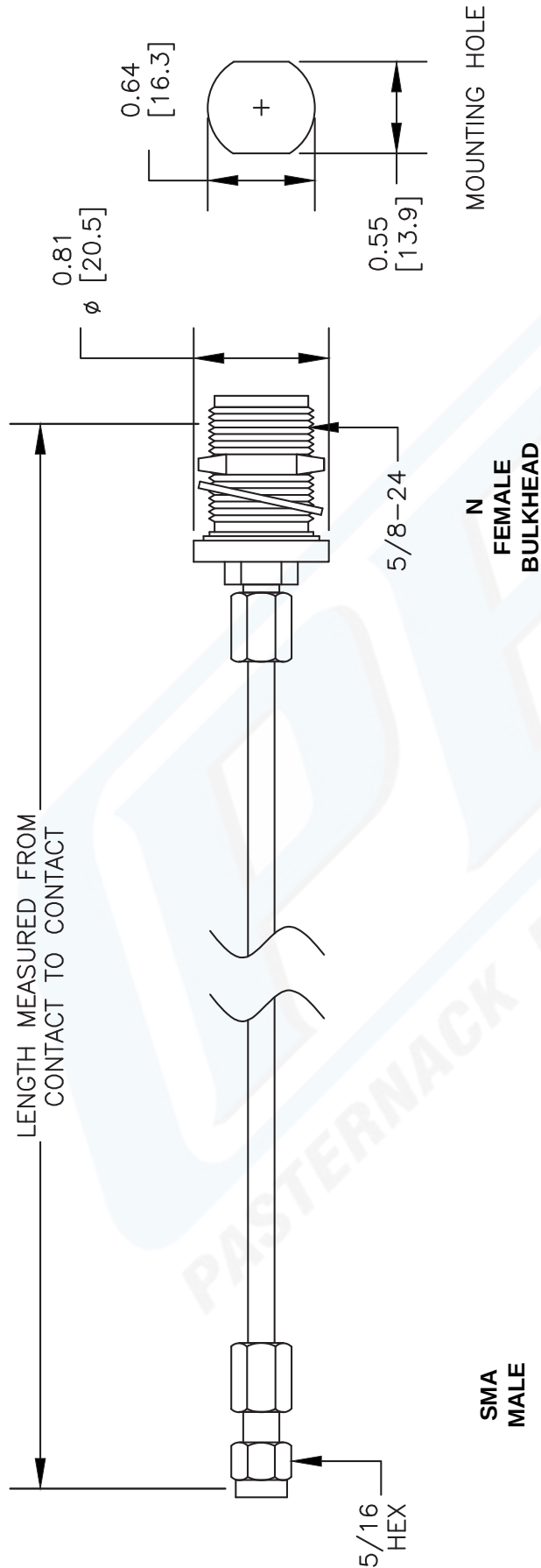
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PE35954-6 CAD Drawing

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How To Order					
Part Number Configuration		Examples			
PE3	zzz	yy	-	xx	uu
00 - 99999		LF = RoHS Compliant < Blank > = Standard		CM = Centimeters < Blank > = Inches	
Note: LF applies only to RF cables		Length			
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		

- 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 $\pm 1.5\%$ OR $3/8"$, WHICHEVER IS GREATER.

DWG TITLE
PE35954

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FSCM NO. 53919

CAD FILE 021508

SCALE N/A

SIZE A

2233