



N Male to SMA Male LSZH Jacketed Cable 100 CM
Length Using SR402FLJ Low PIM Coax, RoHS

TECHNICAL DATA SHEET

PE3C2006-100CM

Configuration

Connector 1	N Male
Connector 2	SMA Male
Cable Type	PE-SR402FLJ Low PIM

Electrical Specifications

Frequency Range	DC to 6 GHz
Impedance	50 Ohms
Maximum VSWR	1.25:1
RF Shielding	-100 dB
Maximum Input Power	440 Watts
Passive Intermodulation	-150 dBc

Typical Performance by Frequency

Frequency 1

Frequency	500 MHz
Insertion Loss,	0.3 dB
Power Handling, Watts	440

Frequency 2

Frequency	1000 MHz
Insertion Loss	0.41 dB
Power Handling	300 Watts

Frequency 3

Frequency	2 GHz
Insertion Loss	0.6 dB
Power Handling	220 Watts

Frequency 4

Frequency	2.5 GHz
Insertion Loss	0.68 dB
Power Handling	190 Watts

Frequency 5

Frequency	3 GHz
Insertion Loss	0.75 dB
Power Handling	170 Watts

Frequency 6

Frequency	6 GHz
Insertion Loss	1 dB
Power Handling	130 Watts

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Male to SMA Male LSZH Jacketed Cable 100 CM Length Using SR402FLJ Low PIM Coax, RoHS PE3C2006-100CM





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Mechanical Specifications

Temperature

Temperature Operating Range -55 to +125 deg C

Size

Length 39.37 in [100 cm]

One Time Minimum Bend Radius 1.5 in [38.1 mm]

Cable

Cable Type PE-SR402FLJ Low PIM

Cable Inner Conductor Copper, Silver

Cable Outer Conductor Copper, Tin

Dielectric Type PTFE

Jacket Material PVC LSZH

Jacket Diameter 0.163 in [4.14 mm]

Connector 1

Type N Male

Configuration Straight

Inner Conductor Material and Plating Brass, Silver

Coupling Nut Material and Plating Brass, Tri-Metal

Hex Size 3/4 inch

Body Material and Plating Brass, Silver

Dielectric Type PTFE

Connector 2

Type SMA Male

Configuration Straight

Inner Conductor Material and Plating Brass, Silver

Coupling Nut Material and Plating Brass, Tri-Metal

Hex Size 5/16 inch

Body Material and Plating Brass, Silver

Dielectric Type PTFE

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

RoHS Compliant Yes

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Notes:

- Values at +25 °C, sea level

N Male to SMA Male LSZH Jacketed Cable 100 CM Length Using SR402FLJ Low PIM 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.

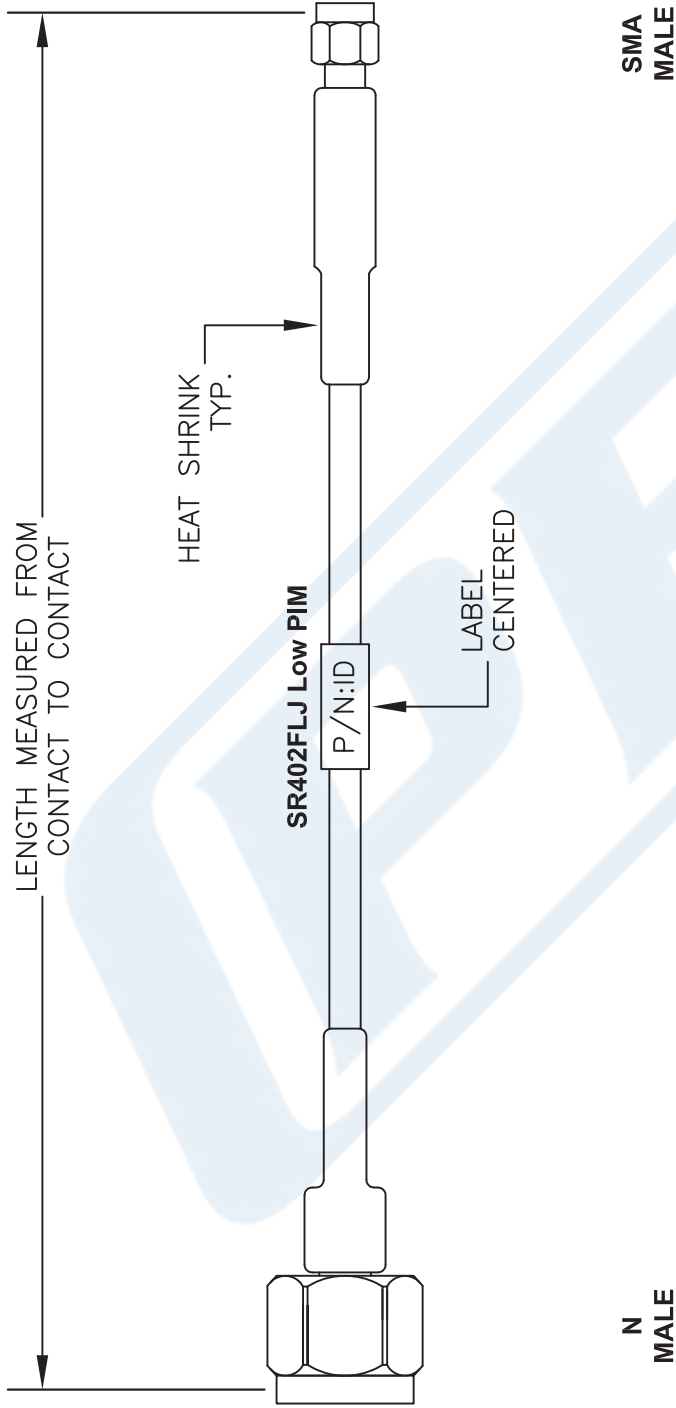
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male to SMA Male LSZH Jacketed Cable 100 CM Length Using SR402FLJ Low PIM Coax, RoHS PE3C2006-100CM](http://www.pasternack.com/n-male-sma-male-sr402flj-low-pim-cable-assembly-pe3c2006-100cm-p.aspx)

URL: <http://www.pasternack.com/n-male-sma-male-sr402flj-low-pim-cable-assembly-pe3c2006-100cm-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.

PE3C2006-100CM CAD Drawing

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How To Order		Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
Part Number Configuration PE3 [zzz] [yy] - [xx] [uu] 00 - 99999 LF = RoHS Compliant < Blank > = Standard Note: LF applies only to RF cables		-12	12"	-25CM	25Cm
Examples PE3000LF-100 PE3000-100 PE3000LF-100CM PE3000-100CM		-24	24"	-50CM	50Cm
CM = Centimeters < Blank > = Inches _____ Length		-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 ± 1.5% OR 3/8", WHICHEVER IS GREATER.

DWG TITLE
PE3C2006

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CAD FILE	062514	SCALE	N/A	SIZE	A
FSCM NO.	53919				2233