



N Male to 7/16 DIN Female LSZH Jacketed Cable 100 CM Length Using SR402FLJ Low PIM Coax, RoHS

TECHNICAL DATA SHEET PE3C2005-100CM

**Configuration**

Connector 1	N Male
Connector 2	7/16 DIN Female
Cable Type	PE-SR402FLJ Low PIM

**Electrical Specifications**

Frequency Range	DC to 3 GHz
Impedance	50 Ohms
Maximum VSWR	1.15:1
RF Shielding	-100 dB
Maximum Input Power	440 Watts
Passive Intermodulation	-160 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

**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]

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 7/16 DIN Female LSZH Jacketed Cable 100 CM Length Using SR402FLJ Low PIM Coax, RoHS PE3C2005-100CM





N Male to 7/16 DIN Female LSZH Jacketed Cable 100 CM  
Length Using SR402FLJ Low PIM Coax, RoHS

TECHNICAL DATA SHEET

PE3C2005-100CM

**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	7/16 DIN Female
Configuration	Straight
Inner Conductor Material and Plating	Beryllium Copper, Silver
Body Material and Plating	Brass, Silver
Dielectric Type	PTFE

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	Yes
Notes:	
• Values at +25 °C, sea level	

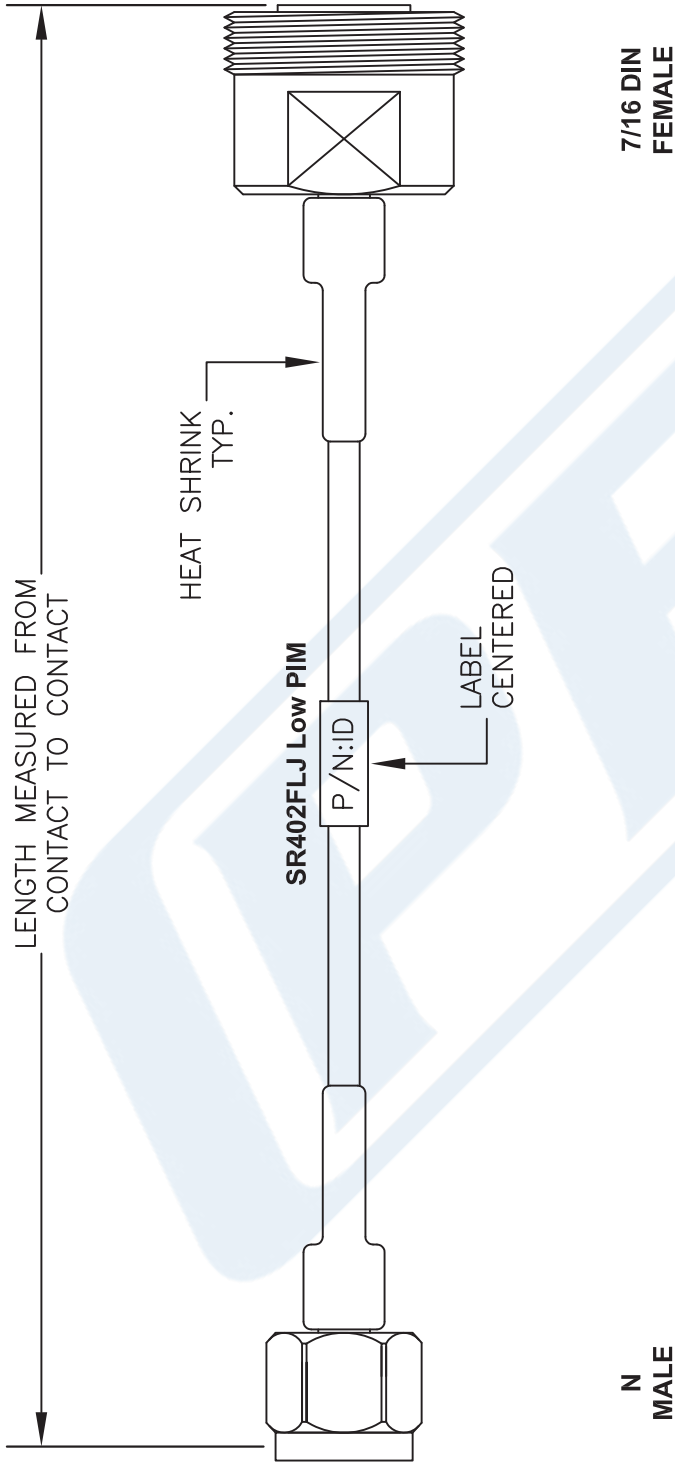
N Male to 7/16 DIN Female LSZH Jacketed Cable 100 CM Length Using SR402FLJ Low PIM Coax, RoHS from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the 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 7/16 DIN Female LSZH Jacketed Cable 100 CM Length Using SR402FLJ Low PIM Coax, RoHS PE3C2005-100CM](http://www.pasternack.com/n-male-7-16-female-sr402flj-low-pim-cable-assembly-pe3c2005-100cm-p.aspx)

URL: <http://www.pasternack.com/n-male-7-16-female-sr402flj-low-pim-cable-assembly-pe3c2005-100cm-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.

**PE3C2005-100CM CAD Drawing**  
 N Male to 7/16 DIN Female LSZH Jacketed Cable 100 CM  
 Length Using SR402FLJ Low PIM Coax, RoHS



**N  
MALE**

**7/16 DIN  
FEMALE**

How To Order		Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
<b>Part Number Configuration</b>	<b>Examples</b>	-12	12"	-25CM	25Cm
PE3 [zzz] [yy] - [xx] [uu]	PE3000LF-100	-24	24"	-50CM	50Cm
00 - 99999	PE3000-100	-36	36"	-75CM	75Cm
LF = RoHS Compliant	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  
**PE3C2005**

**PE PASTERNAK®**  
 THE ENGINEER'S RF SOURCE  
 Pasternack Enterprises, Inc.  
 P.O. Box 16759 | Irvine | CA | 92623  
**Phone:** (949) 261-1920 | **Fax:** (949) 261-7451  
**Website:** www.pasternack.com | **E-Mail:** sales@pasternack.com

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