



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

TECHNICAL DATA SHEET

PE3C2003-100CM

Configuration

Connector 1	7/16 DIN Male
Connector 2	7/16 DIN Male
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
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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: [7/16 DIN Male to 7/16 DIN Male LSZH Jacketed Cable 100 CM Length Using SR402FLJ Low PIM Coax, RoHS PE3C2003-100CM](#)





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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	7/16 DIN Male
Configuration	Straight
Inner Conductor Material and Plating	Brass, Silver
Coupling Nut Material and Plating	Brass, Tri-Metal
Hex Size	1 1/4 inch
Body Material and Plating	Brass, Silver
Dielectric Type	PTFE

Connector 2

Type	7/16 DIN Male
Configuration	Straight
Inner Conductor Material and Plating	Brass, Silver
Coupling Nut Material and Plating	Brass, Tri-Metal
Hex Size	1 1/4 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

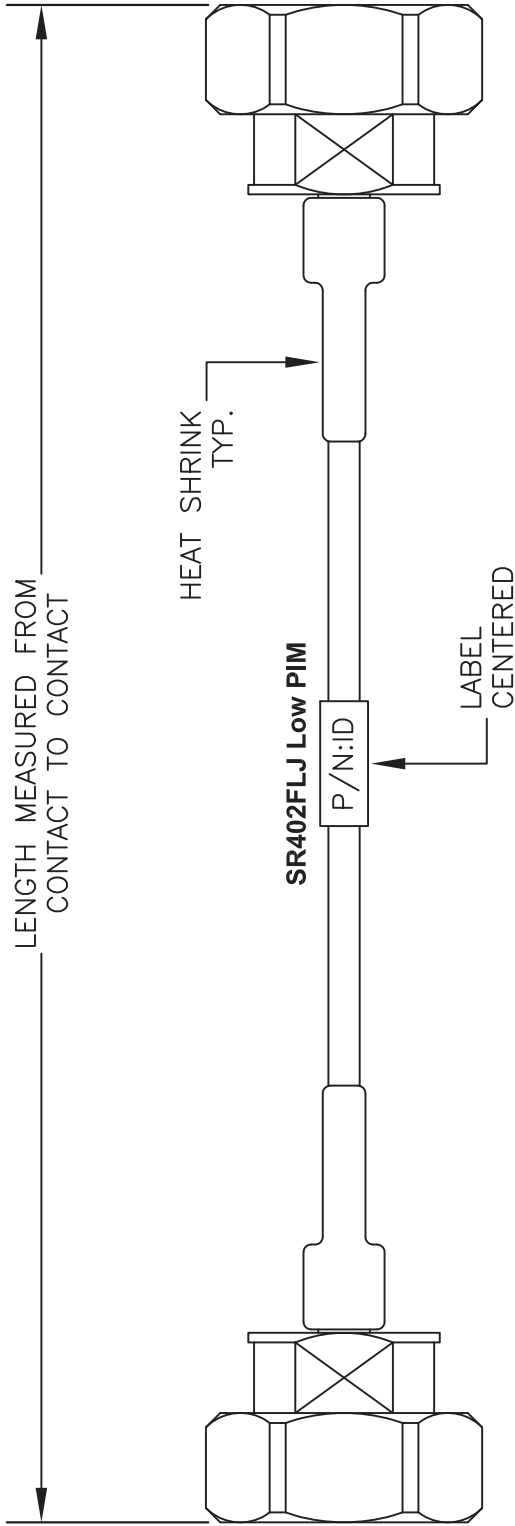
7/16 DIN Male to 7/16 DIN Male LSZH Jacketed Cable 100 CM Length Using SR402FLJ Low PIM Coax, RoHS from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection 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: [7/16 DIN Male to 7/16 DIN Male LSZH Jacketed Cable 100 CM Length Using SR402FLJ Low PIM Coax, RoHS PE3C2003-100CM](http://www.pasternack.com/7-16-male-7-16-male-sr402flj-low-pim-cable-assembly-pe3c2003-100cm-p.aspx)

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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.

PE3C2003-100CM CAD Drawing
 7/16 DIN Male to 7/16 DIN Male LSZH Jacketed Cable 100 CM
 Length Using SR402FLJ Low PIM Coax, RoHS



7/16 DIN
MALE

7/16 DIN
MALE

Part Number Configuration		How To Order	
PE3	zzz	yy	xx uu
00 - 99999	LF = RoHS Compliant < Blank > = Standard		CM = Centimeters < Blank > = Inches Length
Examples		Part # Ext.	Length In Centimeters
PE3000LF-100		-25CM	25Cm
PE3000-100		-50CM	50Cm
PE3000LF-100CM		-75CM	75Cm
PE3000-100CM		-100CM	100Cm
		-125CM	125Cm
		-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
PE3C2003

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 THE ENGINEER'S RF SOURCE
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