



SSMC Plug to TNC Male Low Loss Cable Using PE-C100 Coax

TECHNICAL DATA SHEET

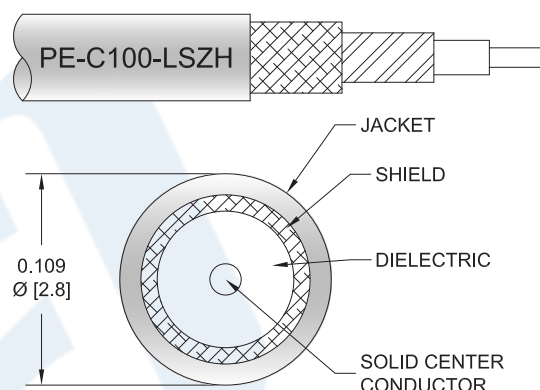
PE3C7473

Configuration

- Connector 1: SSMC Plug
- Connector 2: TNC Male
- Cable Type: PE-C100-LSZH
- Coax Flex Type: Flexible

Features

- Shielding Effectivity > 90 dB
- 66% Phase Velocity
- Double Shielded
- PVC Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C7473 SSMC plug to TNC male cable using PE-C100 coax is part of our full line of RF components available for same-day shipping. Pasternack's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Pasternack SSMC to TNC cable assembly has a plug to male gender configuration with 50 ohm flexible PE-C100-LSZH coax. The double shielding of this Pasternack cable assembly provides excellent shielding effectiveness of better than 90 dB.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Velocity of Propagation		66		%
RF Shielding	90			dB
Capacitance		30.8 [101.05]		pF/ft [pF/m]
Jacket Spark			2,000	Vrms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SSMC Plug to TNC Male Low Loss Cable Using PE-C100 Coax PE3C7473](#)



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Mechanical Specifications

Cable Assembly

Weight 0.057 lbs [25.85 g]

Cable

Cable Type PE-C100-LSZH
Impedance 50 Ohms
Inner Conductor Type Solid
Inner Conductor Material and Plating Copper Clad Steel
Dielectric Type PE
Number of Shields 2
Shield Layer 1 Aluminum Tape
Shield Layer 2 Tinned Copper Braid
Jacket Material PVC, Black
Jacket Diameter 0.11 in [2.79 mm]

One Time Minimum Bend Radius 0.25 in [6.35 mm]
Repeated Minimum Bend Radius 1 in [25.4 mm]

Connectors

Description	Connector 1	Connector 2
Type	SSMC Plug	TNC Male Threaded
Impedance	50 Ohms	50 Ohms
Mating Cycles	500	
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Dielectric Type	PTFE	PTFE
Body Material and Plating	Beryllium Copper, Gold	Brass, Silver
Coupling Nut Material and Plating	Beryllium Copper, Gold	Brass, Silver
Hex Size	5/32 inch	
Torque	1 in-lbs [0.11 Nm]	

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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PE3C7473

How to Order

Part Number Configuration:

PE3C7473

- **xx**

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Unit of Measure:
cm = Centimeters
<blank> = Inches
Length
Base Number

Example: PE3C7473-12 = 12 inches long cable
PE3C7473-100cm = 100 cm long cable

SSMC Plug to TNC Male Low Loss Cable Using PE-C100 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

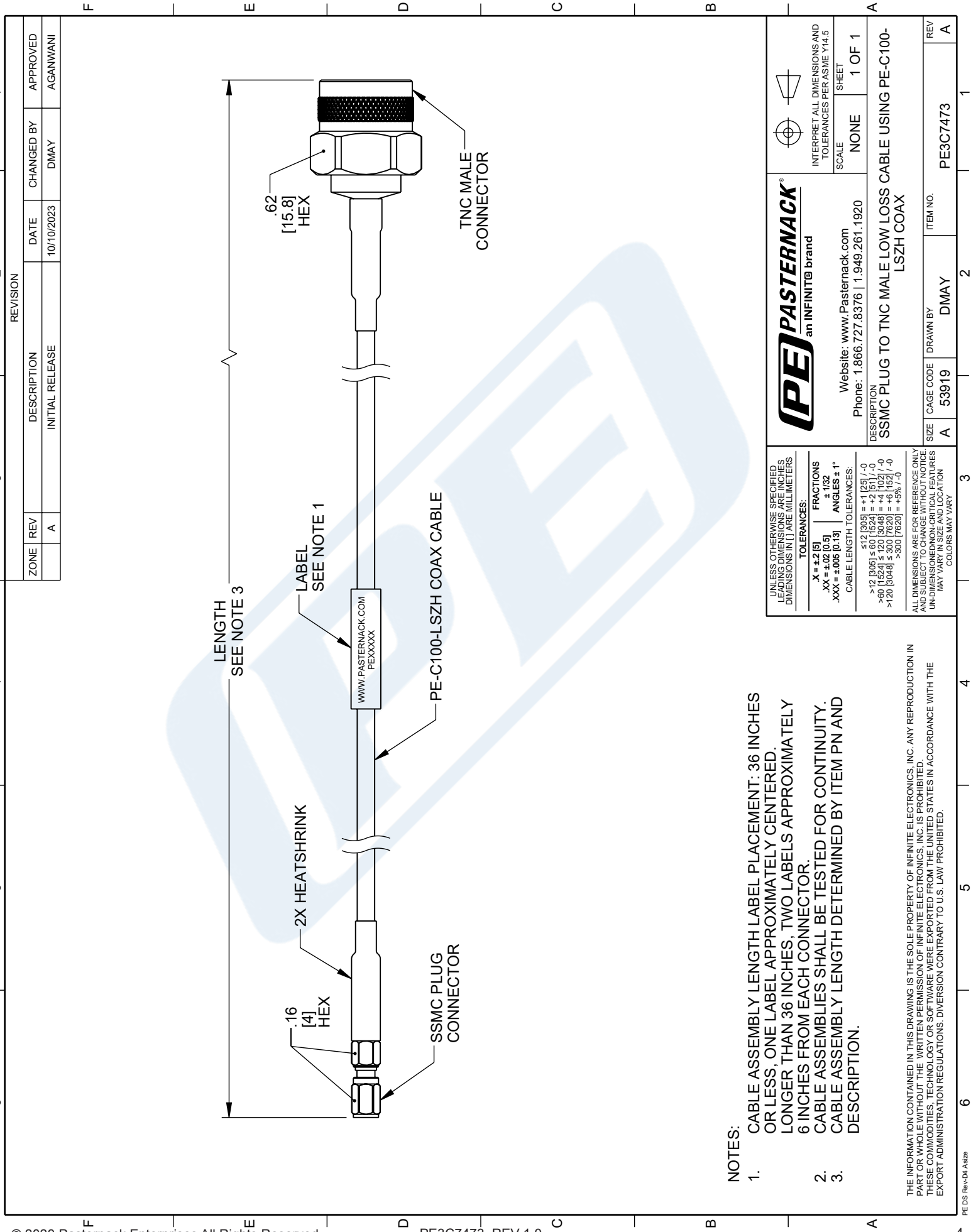
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SSMC Plug to TNC Male Low Loss Cable Using PE-C100 Coax PE3C7473](https://www.pasternack.com/ssmc-plug-to-tnc-male-low-loss-cable-using-pe-c100-pe3c7473-p.aspx)

URL: <https://www.pasternack.com/ssmc-plug-to-tnc-male-low-loss-cable-using-pe-c100-pe3c7473-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.

PE3C7473 CAD Drawing

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NOTES:

1. CABLE ASSEMBLY LENGTH LABEL PLACEMENT: 36 INCHES OR LESS, ONE LABEL APPROXIMATELY CENTERED. LONGER THAN 36 INCHES, TWO LABELS APPROXIMATELY 6 INCHES FROM EACH CONNECTOR.
2. CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.
3. CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.

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UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS	
TOLERANCES:	FRACTIONS
.X = ±.2 [5]	± 1/32
.XX = ±.02 [0.5]	± 1/64
.XXX = ±.005 [0.13]	± 1/128
CABLE LENGTH TOLERANCES:	
<12 [305]	±.1 [2.5] / -0
>12 [305] ≤ 60 [1524]	±.2 [5] / -0
>60 [1524] ≤ 120 [3048]	±.4 [10] / -0
>120 [3048] ≤ 300 [7620]	±.6 [15.2] / -0
>300 [7620]	±.8 [20.3] / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED. UNLESS OTHERWISE SPECIFIED, DIMENSIONS MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.

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Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920	SCALE NONE	SHEET 1 OF 1
DESCRIPTION SSMC PLUG TO TNC MALE LOW LOSS CABLE USING PE-C100-LSZH COAX		
SIZE A	CAGE CODE 53919	DRAWN BY DMAY
ITEM NO. PE3C7473	REV A	