

Plenum N Male to SMA Male Low Loss Cable Using LMR-240-LLPX Coax with Times Microwave Components



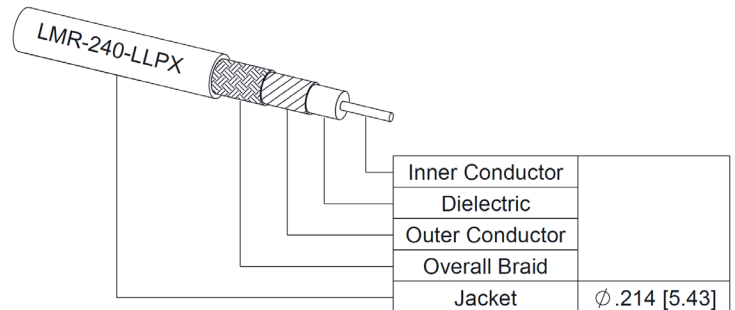
PE3C10283

Configuration

- Connector 1: N Male
- Connector 2: SMA Male
- Cable Type: LMR-240-LLPX

Features

- Shielding Effectivity > 90 dB
- 76% Phase Velocity
- Fluoropolymer Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C10283 type N male to SMA male cable using LMR-240-LLPX coax is part of our full line of RF components available for same-day shipping. This Pasternack type N to SMA cable assembly has a male to male gender configuration with 50 ohm LMR-240-LLPX coax.

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		76		%
RF Shielding	90			dB
Capacitance		26.7 [87.6]		pF/ft [pF/m]
Inductance		0.067 [0.22]		uH/ft [uH/m]
DC Resistance Inner Conductor		4 [13.12]		Ohms/1000ft [Ohms/Km]
DC Resistance Outer Conductor		3.9 [12.8]		Ohms/1000ft [Ohms/Km]
Jacket Spark			5,000	Vrms

Mechanical Specifications

Cable Assembly

Width/Diameter

0.5 in [12.7 mm]

Weight

0.134 lbs [60.78 g]

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Cable

Cable Type	LMR-240-LLPX
Impedance	50 Ohms
Inner Conductor Material and Plating	Copper
Dielectric Type	PTFE
Outer Conductor 1 Material and Plating	Aluminum Tape
Jacket Material	Fluoropolymer
Jacket Diameter	0.214 in [5.44 mm]
One Time Minimum Bend Radius	0.75 in [19.05 mm]
Repeated Minimum Bend Radius	2.5 in [63.5 mm]
Flat Plate Crush	85 lbs/in [1.52 Kg/mm]
Tensile Strength	60 lbs [27.22 Kg]

Connectors

Description	Connector 1	Connector 2
Type	N Male	SMA Male
Specification	MIL-STD-348	MIL-STD-348
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Specification	ASTM-B488	ASTM B488
Dielectric Type	Teflon	PTFE
Outer Conductor Material and Plating		Brass, Tri-Metal
Body Material and Plating	Brass, Tri-Metal	Brass, Tri-Metal
Body Plating Specification	QQ-N-290	
Coupling Nut Material and Plating	Brass, Tri-Metal	Brass, Tri-Metal
Coupling Nut Plating Specification	QQ-N-290	
Hex Size	13/16 inch	5/16 Inch

Environmental Specifications

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

Plotted and Other Data

Notes:

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PE3C10283

Typical Performance Data

How to Order

Part Number Configuration:

PE3C10283

- xx

uu

Unit of Measure:
cm = Centimeters
<blank> = Inches

Length

Base Number

Example: PE3C10283-12 = 12 inches long cable
PE3C10283-100cm = 100 cm long cable

Plenum N Male to SMA Male Low Loss Cable Using LMR-240-LLPX Coax with Times Microwave Components 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: [Plenum N Male to SMA Male Low Loss Cable Using LMR-240-LLPX Coax with Times Microwave Components PE3C10283](https://www.pasternack.com/plenum-n-male-to-sma-male-low-loss-cable-using-lmr-240-llpx-pe3c10283-p.aspx)

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The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE3C10283 CAD Drawing

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