



Snap-On BMA Jack to TNC Male Cable 6 Inch Length Using LMR-100 Coax

RF Cable Assemblies Technical Data Sheet

PE3C4932-6

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		2.5	GHz
VSWR			1.4:1	
Return Loss			15.56	dB
Velocity of Propagation		66		%
RF Shielding	90			dB
Group Delay		1.54 [5.05]		ns/ft [ns/m]
Capacitance		30.8 [101.05]		pF/ft [pF/m]
Inductance		0.077 [0.25]		uH/ft [uH/m]
DC Resistance Inner Conductor		81 [265.75]		Ω/1000ft [Ω/Km]
DC Resistance Outer Conductor		9.5 [31.17]		Ω/1000ft [Ω/Km]
Jacket Spark			2,000	Vrms

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.1	0.25	0.5	1	2.5	GHz
Insertion Loss (Typ.)	0.24	0.26	0.28	0.32	0.4	dB

Mechanical Specifications

Cable Assembly

Length*	6 in [152.4 mm]
Diameter	0.6 in [15.24 mm]

Cable

Cable Type	LMR-100A
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]
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Snap-On BMA Jack to TNC Male Cable 6 Inch Length Using LMR-100 Coax PE3C4932-6](#)



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Repeated Minimum Bend Radius	1 in [25.4 mm]
Bending Moment	0.1 lbs-ft [0.14 N-m]
Flat Plate Crush	10 lbs/in [0.18 Kg/mm]
Tensile Strength	15 lbs [6.8 Kg]

Connectors

Description	Connector 1	Connector 2
Type	BMA Jack	TNC Male
Impedance	50 Ohms	50 Ohms
Connection Method	Snap-On	
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Specification	51.18µ in. minimum	
Dielectric Type	PTFE	Teflon
Outer Conductor Material and Plating	Beryllium Copper, Gold	
Body Material and Plating	Passivated Stainless Steel	Brass, Silver
Coupling Nut Material and Plating		Brass, Silver

Mechanical Specification Notes:

*All cable assemblies have a length tolerance of 1.5% or $\pm 3/8"$, whichever is greater.

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

Plotted and Other Data

Notes:

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Typical Performance Data



PANEL DRILLING

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How to Order

Part Number Configuration:

PE3C4932

- xx

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

Example: PE3C4932-12 = 12 inches long cable
PE3C4932-100cm = 100 cm long cable

Snap-On BMA Jack to TNC Male Cable 6 Inch Length Using LMR-100 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.

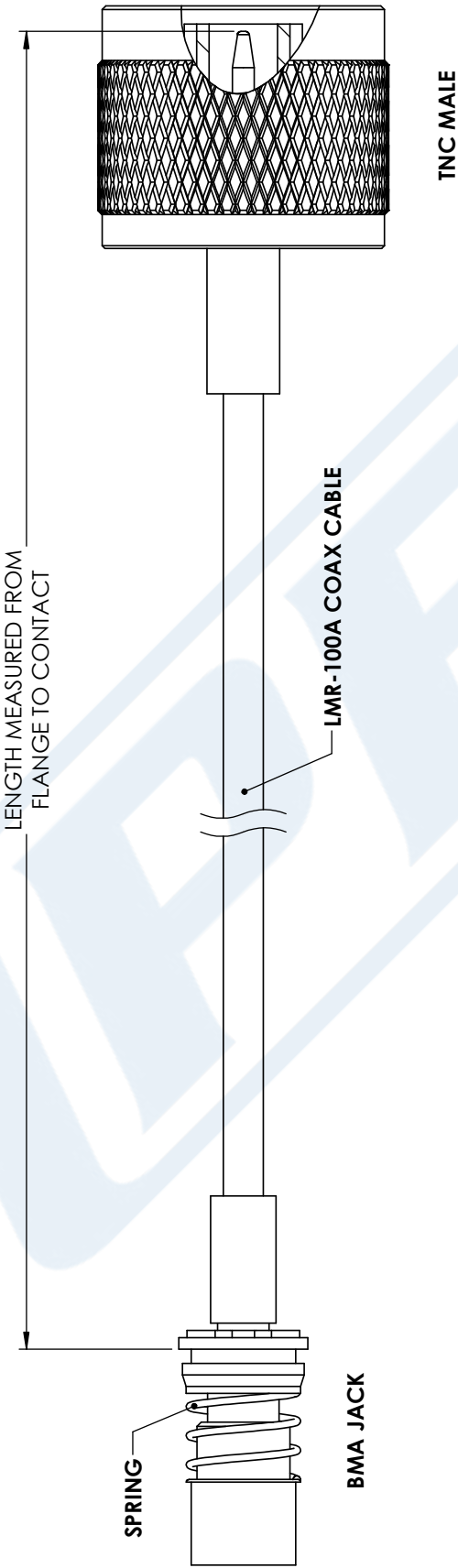
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Snap-On BMA Jack to TNC Male Cable 6 Inch Length Using LMR-100 Coax PE3C4932-6](https://www.pasternack.com/bma-jack-tnc-male-lmr100-cable-assembly-pe3c4932-6-p.aspx)

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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.

PE3C4932-6 CAD Drawing

Snap-On BMA Jack to TNC Male Cable 6 Inch Length Using LMR-100 Coax



STANDARD TOLERANCES	
.X	±0.2
.XX	±0.01
.XXX	±0.005

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES



PASTERNAK®
THE ENGINEER'S RF SOURCE

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DWG TITLE
PE3C4932

CAGE CODE 53919

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].

CAD FILE 12/29/17

SCALE N/A

SIZE A

CN2245