

TNC Male to TNC Male Low Loss Cable Using LMR-200 Coax



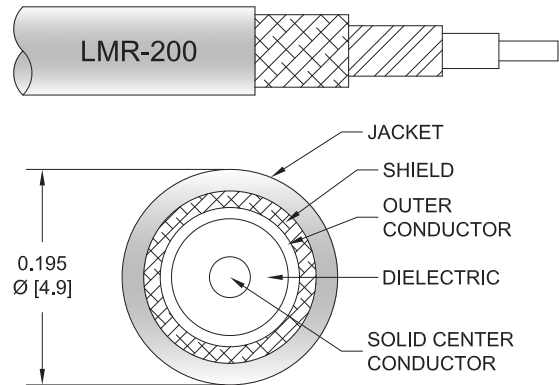
PE3W06387

Configuration

- Connector 1: TNC Male
- Connector 2: TNC Male
- Cable Type: LMR-200
- Coax Flex Type: Flexible

Features

- Shielding Effectivity > 90 dB
- 83% Phase Velocity
- Double Shielded
- PE Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W06387 TNC male to TNC male cable using LMR-200 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 TNC to TNC cable assembly has a male to male gender configuration with 50 ohm flexible LMR-200 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		83		%
RF Shielding	90			dB
Group Delay		1.22 [4]		ns/ft [ns/m]
Capacitance		24.5 [80.38]		pF/ft [pF/m]
Inductance		0.061 [0.2]		uH/ft [uH/m]
DC Resistance Inner Conductor		5.36 [17.59]		Ohms/1000ft [Ohms/Km]
DC Resistance Outer Conductor		4.9 [16.08]		Ohms/1000ft [Ohms/Km]
Jacket Spark			3,000	Vrms

Mechanical Specifications

Cable Assembly
Width/Diameter

0.5 in [12.7 mm]

TNC Male to TNC Male Low Loss Cable Using LMR-200 Coax



PE3W06387

Weight	0.092 lbs [41.73 g]
Cable	
Cable Type	LMR-200
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper
Dielectric Type	PE (F)
Number of Shields	2
Shield Layer 1	Aluminum Tape
Shield Layer 2	Tinned Copper Braid
Jacket Material	PE, Black
Jacket Diameter	0.195 in [4.95 mm]
One Time Minimum Bend Radius	0.5 in [12.7 mm]
Repeated Minimum Bend Radius	2 in [50.8 mm]
Bending Moment	0.2 lbs-ft [0.27 N-m]
Flat Plate Crush	15 lbs/in [0.27 Kg/mm]
Tensile Strength	40 lbs [18.14 Kg]

Connectors

Description	Connector 1	Connector 2
Type	TNC Male	TNC Male
Specification		MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating		Brass, Gold
Contact Plating Specification		30μ in. minimum
Dielectric Type		Teflon
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification		100μ in. minimum

Environmental Specifications

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

Plotted and Other Data

Notes:

TNC Male to TNC Male Low Loss Cable Using LMR-200 Coax



PE3W06387

Typical Performance Data

How to Order

Part Number Configuration: **PE3W06387** **- xx** **uu**

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

Length

Base Number

Example: PE3W06387-12 = 12 inches long cable
PE3W06387-100cm = 100 cm long cable

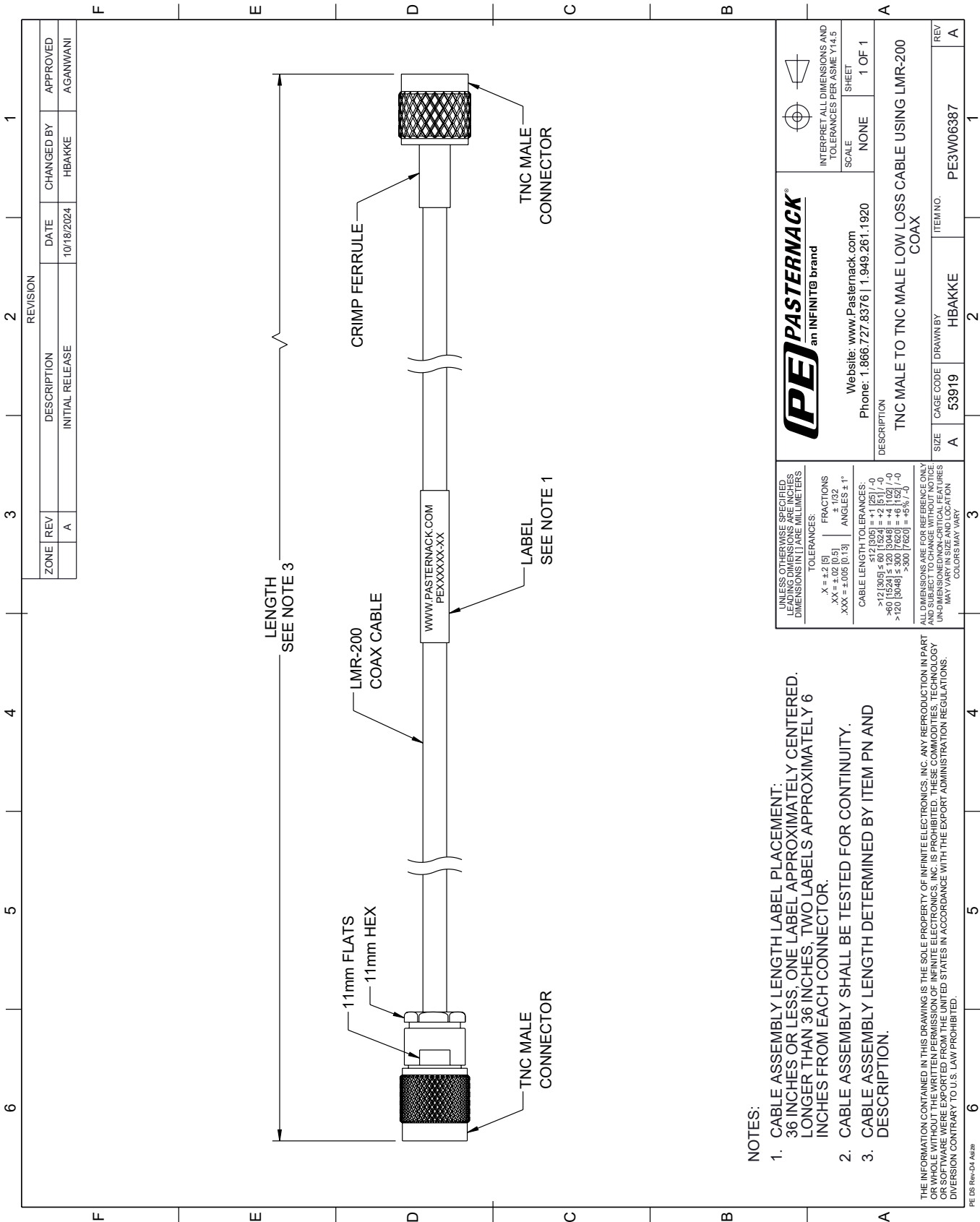
TNC Male to TNC Male Low Loss Cable Using LMR-200 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Male to TNC Male Low Loss Cable Using LMR-200 Coax PE3W06387](#)

URL: <https://www.pasternack.com/tnc-male-to-tnc-male-low-loss-cable-using-lmr-200-pe3w06387-p.aspx>

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.

PE3W06387 CAD Drawing
TNC Male to TNC Male Low Loss Cable Using LMR-200 Coax



- 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 ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
- 3. CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES. TRAILING DIMENSIONS ARE IN MILLIMETERS.		PE PASTERNAK® an INFINITE® brand		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
		Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920		SCALE	SHEET NONE 1 OF 1
TOLERANCES:		DESCRIPTION		TNC MALE TO TNC MALE LOW LOSS CABLE USING LMR-200 COAX	
X = ±.2 [5] XX = ±.02 [0.5] XXX = ±.005 [0.13] ANGLES ± 1°		CABLE LENGTH TOLERANCES: >12 [305] ≤ 60 [1524] = ±.1 [25] / -0 >60 [1524] ≤ 120 [3048] = ±.4 [102] / -0 >120 [3048] ≤ 300 [7620] = ±.5% / -0 			