

BNC Male to TNC Male Cable Using LMR-195-FR Coax

TECHNICAL DATA SHEET**PE3C1899****Configuration**

- Connector 1: TNC Female
- Connector 2: MCX Plug
- Cable Type: RG178
- Coax Flex Type: Flexible

Features

- 69.5% Phase Velocity
- FEP Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C1899 TNC female to MCX plug cable using RG178 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 MCX cable assembly has a female to plug gender configuration with 50 ohm flexible RG178 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		69.5		%
Capacitance		29.4 [96.46]		pF/ft [pF/m]

Mechanical Specifications**Cable Assembly**

Weight 0.047 lbs [21.32 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male to TNC Male Cable Using LMR-195-FR Coax PE3C1899](#)

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Cable

Cable Type	RG178
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Silver Plated Copper Braid
Jacket Material	FEP, Tan
Jacket Diameter	0.072 in [1.83 mm]
Repeated Minimum Bend Radius	0.393 in [9.98 mm]

Connectors

Description	Connector 1	Connector 2
Type	TNC Female Threaded	MCX Plug Push-On
Specification		CECC 22220
Impedance	50 Ohms	50 Ohms
Contact Material and Plating		Brass, Gold
Dielectric Type		Teflon
Body Material and Plating	Brass, Nickel	Brass, Nickel

Compliance Certifications (see [product page](#) for current document)**Plotted and Other Data**

Notes:

- Values at 25°C, sea level.

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TECHNICAL DATA SHEET

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How to Order

Part Number Configuration:

PE3C1899

- xx

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

Example: PE3C1899-12 = 12 inches long cable
PE3C1899-100cm = 100 cm long cable

BNC Male to TNC Male Cable Using LMR-195-FR 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.

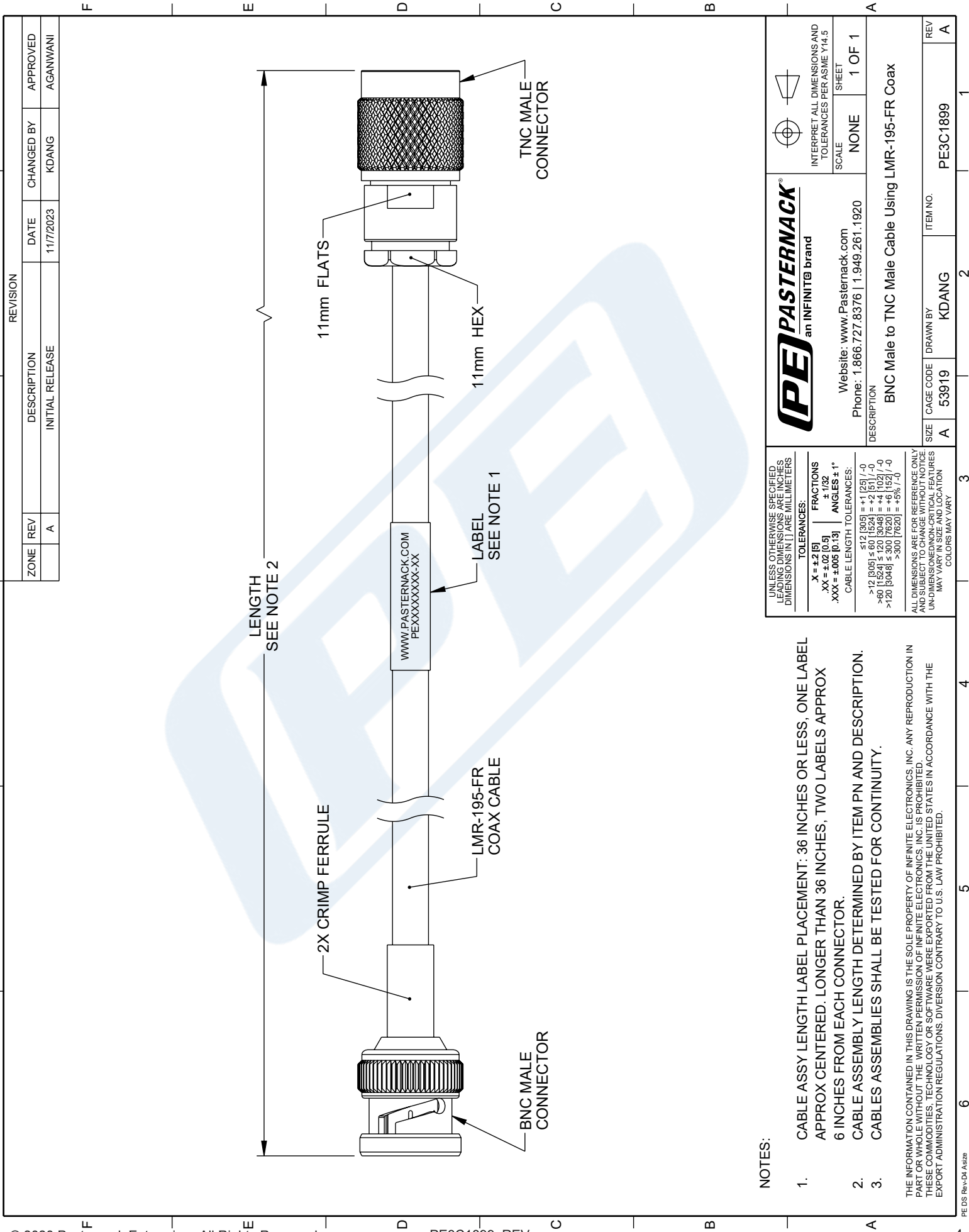
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male to TNC Male Cable Using LMR-195-FR Coax PE3C1899](#)

URL: <https://www.pasternack.com/tnc-female-to-mcx-plug-cable-using-rg178-pe3c1899-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.

PE3C1899 CAD Drawing

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NOTES:

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

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UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE INCHES, DIMENSIONS IN [] ARE MILLIMETERS	
TOLERANCES:	FRACTIONS
.X = ±.2 [5]	.XX = ±.02 [0.5]
.XXX = ±.005 [0.13]	.XXX = ±.005 [0.13]
CABLE LENGTH TOLERANCES:	
ANGLES ± 1°	
CABLE LENGTH TOLERANCES:	
ALL DIMENSIONS ARE FOR REFERENCE ONLY. ALL DIMENSIONS SHALL BE TO UNLESS OTHERWISE SPECIFIED. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE INCHES, DIMENSIONS IN [] ARE MILLIMETERS. DIMENSIONS MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.	

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DESCRIPTION BNC Male to TNC Male Cable Using LMR-195-FR Coax	
SCALE NONE	SHEET 1 OF 1
INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	