

## N Female to TNC Male Cable Using RG223 Coax with HeatShrink, LF Solder



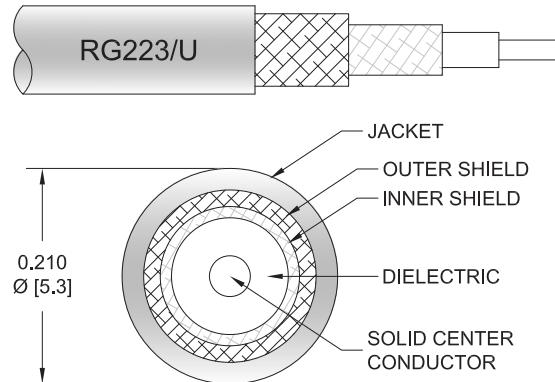
### PE3W13241LF/HS

#### Configuration

- Connector 1: N Female
- Connector 2: TNC Male
- Cable Type: RG223
- Coax Flex Type: Flexible

#### Features

- 66% Phase Velocity
- Double Shielded
- PVC Jacket



#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3W13241LF/HS type N female to TNC male cable using RG223 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 type N to TNC cable assembly has a female to male gender configuration with 50 ohm flexible RG223 coax. The double shielding of this Pasternack cable assembly provides excellent shielding effectiveness.

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		%
Capacitance		30.8 [101.05]		pF/ft [pF/m]

#### Mechanical Specifications

##### Cable Assembly

Width/Diameter	0.5 in [12.7 mm]
Weight	0.143 lbs [64.86 g]

##### Cable

Cable Type	RG223
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	PE

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### PE3W13241LF/HS

Number of Shields	2
Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	PVC, Black
Jacket Diameter	0.209 in [5.31 mm]
Repeated Minimum Bend Radius	1 in [25.4 mm]

#### Connectors

Description	Connector 1	Connector 2
Type	N Female	TNC Male
Specification		MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Phosphor Bronze, Gold	Brass, Gold
Contact Plating Specification		30 $\mu$ in minimum
Dielectric Type	Teflon	PTFE
Body Material and Plating	Brass, Nexcote	Brass, Nickel
Body Plating Specification		100 $\mu$ in minimum
Coupling Nut Material and Plating		Brass, Nickel
Coupling Nut Plating Specification		100 $\mu$ in minimum

#### Environmental Specifications

**Compliance Certifications** (see product page for current document)

#### Plotted and Other Data

Notes:

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**PE3W13241LF/HS**

## Typical Performance Data

## How to Order

### Part Number Configuration:

PE3W13241LF/HS - xx

uu

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

Example: PE3W13241LF/HS-12 = 12 inches long cable  
PE3W13241LF/HS-100cm = 100 cm long cable

N Female to TNC Male Cable Using RG223 Coax with HeatShrink, LF Solder 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: [N Female to TNC Male Cable Using RG223 Coax with HeatShrink, LF Solder PE3W13241LF/HS](#)

URL: <https://www.pasterнак.com/n-female-to-tnc-male-cable-using-rg223-with-heatshrink-lf-solder-pe3w13241lf-hs-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.

# PE3W13241LF/HS CAD Drawing

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