

75 Ohm BNC Male to 75 Ohm BNC Male Cable 24 Inch Length Using 75 Ohm RG216 Coax, RoHS

# **RF Cable Assemblies Technical Data Sheet**

## Configuration

- Connector 1: BNC Male
- Connector 2: BNC Male
- Cable Type: RG216

### Features

- Max Frequency 1 GHz
- 66% Phase Velocity
- Double Shielded
- PVC Jacket

## **Applications**

General Purpose

Laboratory Use

### Description

Pasternack's PE33403LF-24 75 ohm BNC male to 75 ohm BNC male 24 inch cable using 75 ohm RG216 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 BNC to BNC cable assembly has a male to male gender configuration with 75 ohm flexible RG216 coax. The PE33403LF-24 BNC male to BNC male cable assembly operates to 1 GHz. 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
Frequency Range	DC		1,000	MHz
Velocity of Propagation		66		%
Capacitance		20.7 [67.91]		pF/ft [pF/m]
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 75 Ohm BNC Male to 75 Ohm BNC Male Cable 24 Inch Length Using 75 Ohm RG216 Coax, RoHS PE33403LF-24

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 Phone: (866) 727-8376 or (949) 261-1920 • Fax: (949) 261-7451

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## PE33403LF-24



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Brass, Nickel

100µ in. minimum

# PE33403LF-24

#### Specifications by Frequency Description **F1 F2** F3 **F4** F5 Units 100 MHz Frequency 50 250 500 1,000 0.304 Insertion Loss (Typ.) 0.227 0.244 0.267 0.38 dB **Mechanical Specifications Cable Assembly** Length\* 24 in [609.6 mm] Diameter 0.57 in [14.48 mm] Weight 0.338 lbs [153.31 g] Cable Cable Type **RG216** Impedance 75 Ohms Inner Conductor Type Stranded Inner Conductor Material and Plating Copper, Tin **Dielectric Type** PE Number of Shields 2 Shield Layer 1 **Copper Braid** Shield Layer 2 **Copper Braid** PVC, Black Jacket Material Jacket Diameter 0.425 in [10.8 mm] Connectors Description **Connector 1 Connector 2 BNC Male** Туре **BNC Male** Impedance 75 Ohms 75 Ohms Brass, Gold Contact Material and Plating Brass, Gold **Contact Plating Specification** 30µ in. minimum 30µ in. minimum Dielectric Type Teflon Teflon Body Material and Plating Brass, Nickel Brass, Nickel **Body Plating Specification** 100µ in. minimum 100µ in. minimum

Mechanical Specification Notes:

Coupling Nut Material and Plating

Coupling Nut Plating Specification

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

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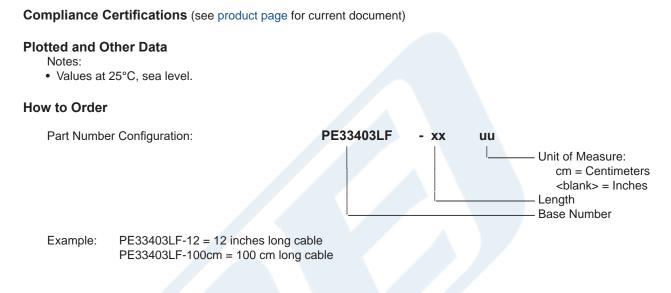


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PE33403LF-24

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75 Ohm BNC Male to 75 Ohm BNC Male Cable 24 Inch Length Using 75 Ohm RG216 Coax, RoHS 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: 75 Ohm BNC Male to 75 Ohm BNC Male Cable 24 Inch Length Using 75 Ohm RG216 Coax, RoHS PE33403LF-24

URL: https://www.pasternack.com/bnc-male-bnc-male-rg216u-cable-assembly-pe33403lf-24-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.

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 **Phone:** (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451 Sales@Pasternack.com • Techsupport@Pasternack.com PE33403LF-24 CAD Drawing 75 Ohm BNC Male to 75 Ohm BNC Male Cable 24 Inch

5 Ohm BNC Male to 75 Ohm BNC Male Cable 24 Inc Length Using 75 Ohm RG216 Coax, RoHS

