

BNC Twinax Jack to BNC Twinax Jack Cable Using 78 Ohm RG108 Coax



PE3W17023

Configuration

- Connector 1: BNC Twinax Jack
- Connector 2: BNC Twinax Jack
- Cable Type: RG108
- Coax Flex Type: Flexible

Features

- 66% Phase Velocity
- PVC Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W17023 78 ohm BNC Twinax jack to 78 ohm BNC Twinax jack cable using 78 ohm RG108 twinax 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 Twinax to BNC Twinax cable assembly has a jack to jack gender configuration with 78 ohm flexible RG108 twinax.

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		19.7 [64.63]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Width/Diameter	0.5 in [12.7 mm]
Weight	0.08 lbs [36.29 g]

Cable

Cable Type	RG108
Impedance	78 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper, Tin
Dielectric Type	PE
Number of Shields	1
Shield Layer 1	Tinned Copper Braid
Jacket Material	PVC, Black

BNC Twinax Jack to BNC Twinax Jack Cable Using 78 Ohm RG108 Coax



PE3W17023

Jacket Diameter	0.235 in [5.97 mm]
-----------------	--------------------

Connectors

Description	Connector 1	Connector 2
Type	BNC Twinax Jack	BNC Twinax Jack
Specification	MIL-STD-348	MIL-STD-348
Impedance	78 Ohms	78 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Silver	Silver
Contact Plating Specification	QQ-S-365	QQ-S-365
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	QQ-N-290	QQ-N-290

Environmental Specifications

Operating Range Temperature	-40 to +80 deg C
-----------------------------	------------------

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

Plotted and Other Data

Notes:

BNC Twinax Jack to BNC Twinax Jack Cable Using 78 Ohm RG108 Coax



PE3W17023

Typical Performance Data

How to Order

Part Number Configuration:

PE3W17023

- xx

uu

Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: PE3W17023-12 = 12 inches long cable
PE3W17023-100cm = 100 cm long cable

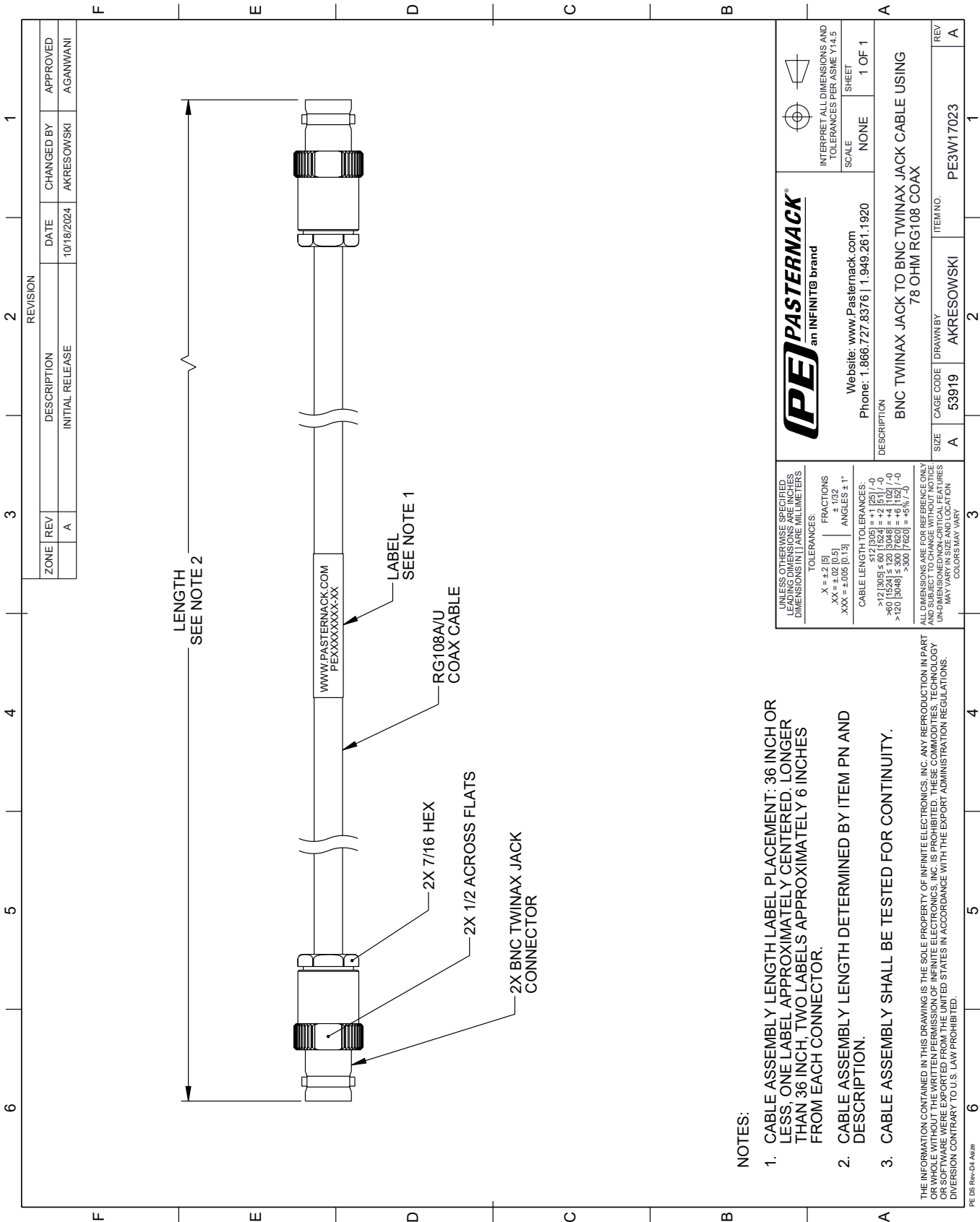
BNC Twinax Jack to BNC Twinax Jack Cable Using 78 Ohm RG108 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Twinax Jack to BNC Twinax Jack Cable Using 78 Ohm RG108 Coax PE3W17023](#)

URL: <https://www.pasternack.com/bnc-twinax-jack-to-bnc-twinax-jack-cable-using-rg108-pe3w17023-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.

PE3W17023 CAD Drawing
BNC Twinax Jack to BNC Twinax Jack Cable Using 78 Ohm RG108 Coax



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