MMCX Plug to BNC Male Cable Using RG178 Coax

PE3W01262

Configuration

- Connector 1: MMCX Plug
- Connector 2: BNC Male
- Cable Type: RG178
- Coax Flex Type: Flexible

Features

- 69.5% Phase Velocity
- FEP Jacket

RG178B/U

0.072 Ø [1.8]

JACKET
SHIELD
DIELECTRIC
STRANDED CENTER CONDUCTOR
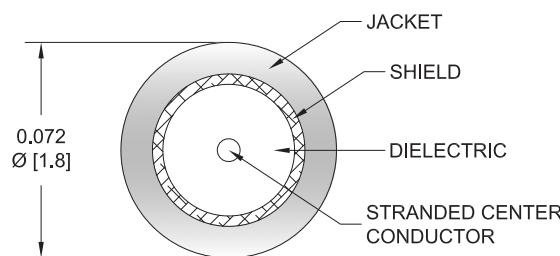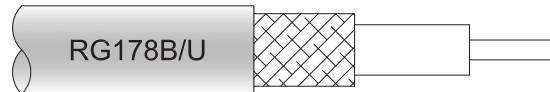
Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W01262 MMCX plug to BNC male 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 MMCX to BNC cable assembly has a plug to male 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   0.049 lbs [22.23 g]

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

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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	MMCX Plug	BNC Male
Specification		MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Gold	Brass, Gold
Contact Plating Specification		30 µin minimum
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Gold	Brass, Nickel
Body Plating Specification		100 µin minimum
Coupling Nut Material and Plating		Brass, Nickel
Coupling Nut Plating Specification		100 µin minimum

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

+1 (866) 558-2786 | sales@pasternack.com **| pasternack.com**

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Typical Performance Data

How to Order

Part Number Configuration: **PE3W01262**   - **xx**   **uu**

Unit of Measure:
cm = Centimeters
<blank> = Inches
Length
Base Number
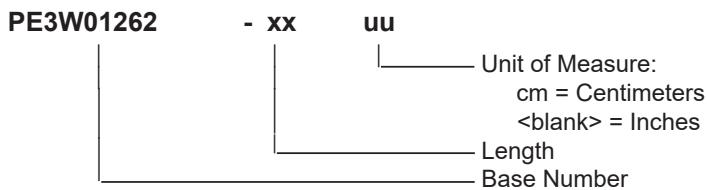
Example: PE3W01262-12 = 12 inches long cable
PE3W01262-100cm = 100 cm long cable

MMCX Plug to BNC Male Cable Using RG178 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: MMCX Plug to BNC Male Cable Using RG178 Coax PE3W01262

URL: https://www.pasternack.com/mmcx-plug-to-bnc-male-cable-using-rg178-pe3w01262-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 impliment 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.

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PE3W01262 CAD Drawing

MMCX Plug to BNC Male Cable Using RG178 Coax

BNC MALE CONNECTOR

3/8 FLATS

3/8 HEX

RG178B/U COAX CABLE

LENGTH SEE NOTE 3

WWW.PASTERNACK.COM
PEXXXXXX-XX

LABEL SEE NOTE 1

2X FERRULE

MMCX PLUG CONNECTOR

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

Revision

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	11/06/2023	HBAKKE	AGANWANI

UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:
.X = ±.2 [5]   FRACTIONS
.XX = ±.02 [0.5]   ± 1/32
.XXX = ±.005 [0.13]   ANGLES ± 1°

CABLE LENGTH TOLERANCES:
≤12 [305] = +1 [25] / -0
>12 [305] ≤ 60 [1524] = +2 [51] / -0
>60 [1524] ≤ 120 [3048] = +4 [102] / -0
>120 [3048] ≤ 300 [7620] = +6 [152] / -0
>300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE. UN-DIMENSIONED/NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION COLORS MAY VARY

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

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an INFINITE brand

Website: www.Pasternack.com
Phone: 1.866.727.8376 | 1.949.261.1920

DESCRIPTION
MMCX PLUG TO BNC MALE CABLE USING RG178 COAX

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	53919	HBAKKE	PE3W01262	A

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