MMCX Plug to N Female 4 Hole Flange Cable Using RG316 Coax

RF Cable Assemblies Technical Data Sheet   PE3W09711

Configuration

- Connector 1: MMCX Plug
- Connector 2: N Female 4 Hole Flange
- Cable Type: RG316
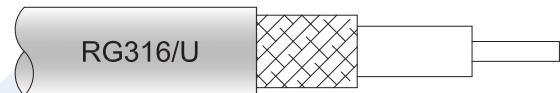
Features

- 69% Phase Velocity
- FEP Jacket

RG316/U

JACKET

OUTER SHIELD

DIELECTRIC

STRANDED CENTER CONDUCTOR

0.098 Ø [2.5]
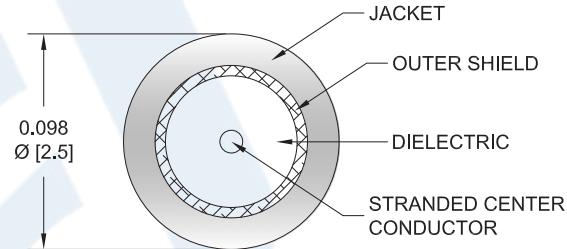
Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W09711 MMCX plug to type N female 4 hole flange cable using RG316 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 type N cable assembly has a plug to female gender configuration with 50 ohm flexible RG316 coax. Our RF cable assembly with type N 4 hole flange interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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		%
Jacket Spark			2,000	Vrms

Mechanical Specifications

Cable Assembly

Weight	0.113 lbs [51.26 g]

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 N Female 4 Hole Flange Cable Using RG316 Coax PE3W09711

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Cable

Cable Type	RG316
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	0.102 in [2.59 mm]

Connectors

Description	Connector 1	Connector 2
Type	MMCX Plug	N Female 4 Hole Flange
Specification	BS EN 122340	
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Brass, Gold	
Contact Plating Specification	30 µin minimum	
Dielectric Type	PTFE	
Outer Conductor Material and Plating	Brass, Gold	
Outer Conductor Plating Specification	3 µin minimum	
Body Material and Plating	Brass, Gold	Brass, Nickel
Body Plating Specification	3 µin minimum	

Environmental Specifications
Temperature
Operating Range   -55 to +200 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data
Notes:

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 N Female 4 Hole Flange Cable Using RG316 Coax PE3W09711

PE3W09711 REV 1.0

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How to Order

Part Number Configuration: **PE3W09711**   - xx   uu

Unit of Measure:
- cm = Centimeters
- \<blank\> = Inches

Length

Base Number

Example: PE3W09711-12 = 12 inches long cable
PE3W09711-100cm = 100 cm long cable

MMCX Plug to N Female 4 Hole Flange Cable Using RG316 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 N Female 4 Hole Flange Cable Using RG316 Coax PE3W09711

URL: https://www.pasternack.com/mmcx-plug-to-n-female-4-hole-flange-cable-using-rg316-pe3w09711-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.

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Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451

Sales@Pasternack.com • Techsupport@Pasternack.com

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PE3W09711 CAD Drawing
MMCX Plug to N Female 4 Hole Flange Cable Using RG316 Coax

□ 1.00
[25.4]

4X ⌀ .126±.005
[3.20±0.13]

⌀ .635
[16.13]

RECOMMENDED
4 HOLE FLANGE
MOUNTINH HOLES

.72
[18.2]

□

.65
[16.6]

N FEMALE
4 HOLE FLANGE
CONNECTOR

7/16 ACROSS FLATS

7/16 HEX

LENGTH

RG316/U CABLE

WWW.PASTERNACK.COM
PEXXXXXX

LABEL
SEE NOTE 1

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. CABLES ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.

REVISION					
ZONE	REV.	DESCRIPTION	DATE	CHANGED BY	APPROVED BY
	A	INITIAL RELEASE	02/10/2023	KGLEBOVA	SRAUTUS

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

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

INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE: NONE   SHEET: 1 OF 1

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

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DESCRIPTION: MMCX PLUG TO N FEMALE 4 HOLE FLANGE CABLE USING RG316 COAX

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	53919	KGLEBOVA	PE3W09711	A

PE3W09711 REV 1.0

T-Rev.D2