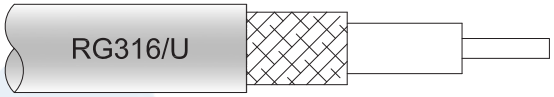
PASTERNACK
an INFINITE brand

SMA Female Bulkhead to MMCX Plug Cable Using RG316 Coax

RF Cable Assemblies Technical Data Sheet PE35575

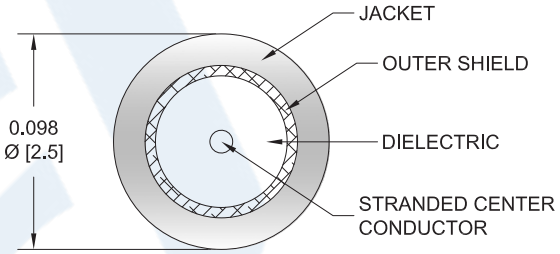
Configuration

- Connector 1: SMA Female Bulkhead
- Connector 2: MMCX Plug
- Cable Type: RG316



Features

- FEP Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE35575 SMA female bulkhead to MMCX plug 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 SMA to MMCX cable assembly has a female to plug gender configuration with 50 ohm flexible RG316 coax. Our RF cable assembly with SMA bulkhead 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
Capacitance		32 [104.99]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Diameter	0.312 in [7.92 mm]
Weight	0.022 lbs [9.98 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Female Bulkhead to MMCX Plug Cable Using RG316 Coax PE35575

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

© 2019 Pasternack Enterprises All Rights Reserved

PASTERNACK
an INFINITE brand

SMA Female Bulkhead to MMCX Plug Cable Using RG316 Coax

RF Cable Assemblies Technical Data Sheet PE35575

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	0.098 in [2.49 mm]

Connectors

Description	Connector 1	Connector 2
Type	SMA Female Bulkhead	MMCX Plug
Specification		BS EN 122340
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Gold	Brass, Gold
Contact Plating Specification		30µ in. minimum
Dielectric Type		Teflon
Body Material and Plating	Brass, Nickel	Brass, Gold
Body Plating Specification		3µ in. minimum

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

Environmental Specifications

Temperature

Operating Range	-55 to +155 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:
- Values at 25°C, sea level.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Female Bulkhead to MMCX Plug Cable Using RG316 Coax PE35575

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

© 2019 Pasternack Enterprises All Rights Reserved

SMA Female Bulkhead to MMCX Plug Cable Using RG316 Coax

RF Cable Assemblies Technical Data Sheet PE35575

How to Order

Part Number Configuration: **PE35575 - xx uu**

- uu — Unit of Measure: cm = Centimeters, <blank> = Inches
- xx — Length
- PE35575 — Base Number

Example: PE35575-12 = 12 inches long cable
PE35575-100cm = 100 cm long cable

SMA Female Bulkhead to MMCX Plug 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: SMA Female Bulkhead to MMCX Plug Cable Using RG316 Coax PE35575

URL: https://www.pasternack.com/sma-female-mmcx-plug-rg316u-cable-assembly-pe35575-p.aspx

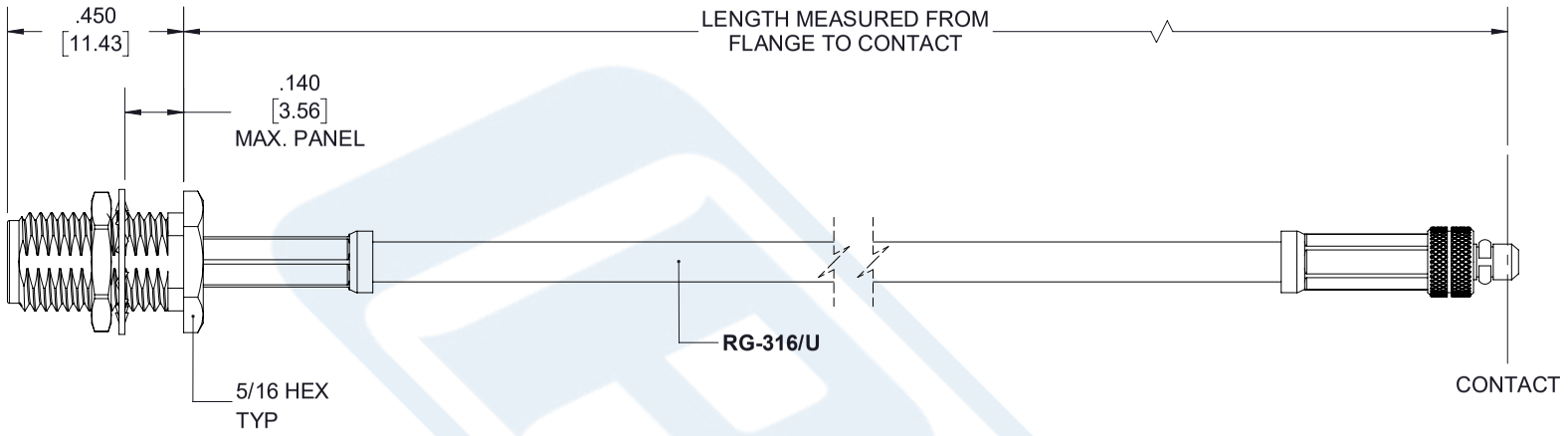
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such 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

© 2019 Pasternack Enterprises All Rights Reserved

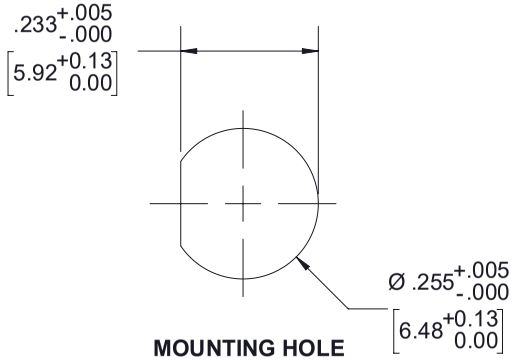
© 2019 Pasternack Enterprises All Rights Reserved

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PCR PE35575 20191031	11/05/19	S.ELLIS



SMA FEMALE BULKHEAD

MMCX PLUG



MOUNTING HOLE

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

TOLERANCES:

.X = ± .2 [5.08]	FRACTIONS
.XX = ± .02 [.51]	± 1/32
.XXX = ± .005 [.13]	ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5%L / -0

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

PASTERNACK
an INFINITE brand

Pasternack Enterprises, Inc.
P.O.Box 16759, Irvine, CA 92623.
Phone: 1.949.261.1920 | 1.866.727.8376
Fax: 1.949.261.7451
Website: www.pasternack.com
E-mail: sales@pasternack.com

THIRD-ANGLE PROJECTION

THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF PASTERNACK CORPORATION ALL RIGHTS RESERVED.

SHEET 1 OF 1

SCALE N/A

SIZE	CAGE CODE	DRAWN BY	PART NUMBER	REV
A	53919	K.DANG	PE35575	A

THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

PE35575 CAD Drawing

SMA Female Bulkhead to MMCX Plug Cable Using RG316 Coax