MCX Plug to Straight Cut Lead Cable Using RG316 Coax
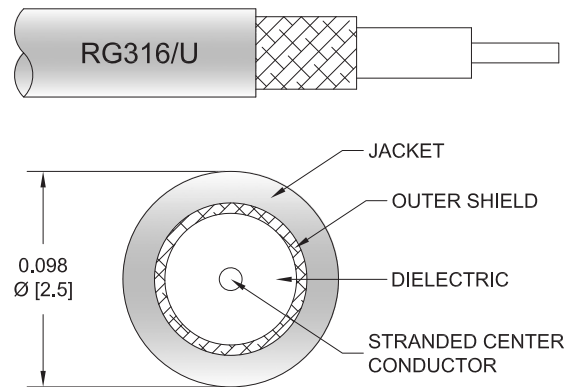
PE36087

Configuration
- Connector 1: MCX Plug
- Connector 2: Straight Cut Lead
- Cable Type: RG316
- Coax Flex Type: Flexible

Features
- FEP Jacket

RG316/U

JACKET
OUTER SHIELD
DIELECTRIC
STRANDED CENTER CONDUCTOR

0.098 Ø [2.5]

Applications
- General Purpose
- Laboratory Use

Description

Pasternack's PE36087 50 ohm MCX plug to straight cut lead 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.

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

Weight	0.019 lbs [8.62 g]

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]

MCX Plug to Straight Cut Lead Cable Using RG316 Coax

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Connectors

Description	Connector 1	Connector 2
Type	MCX Plug	Straight Cut Lead
Specification	CECC 22220	
Impedance	50 Ohms	0 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Brass, Gold	
Contact Plating Specification	30 µin minimum	
Dielectric Type	PTFE	
Body Material and Plating	Brass, Nickel	
Body Plating Specification	100 µin minimum	

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:
Values at 25°C, sea level.

MCX Plug to Straight Cut Lead Cable Using RG316 Coax

PE36087

Typical Performance Data

How to Order

Part Number Configuration: **PE36087**   **- xx   uu**

Unit of Measure:
    cm = Centimeters
    <blank> = Inches
Length
Base Number

Example: PE36087-12 = 12 inches long cable
            PE36087-100cm = 100 cm long cable

MCX Plug to Straight Cut Lead 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: MCX Plug to Straight Cut Lead Cable Using RG316 Coax PE36087

URL: https://www.pasternack.com/mcx-plug-to-straight-cut-lead-cable-using-rg316-pe36087-p.aspx

PE36087 CAD Drawing

MCX Plug to Straight Cut Lead Cable Using RG316 Coax

STRAIGHT-CUT

LENGTH
SEE NOTE 2

LABEL
SEE NOTE 1

WWW.PASTERNACK.COM
PEXXXXXXX-XX

RG316/U
COAX CABLE

2X CRIMP FERRULE

MCX PLUG
CONNECTOR

NOTES:

1. CABLE ASSY LENGTH LABEL PLACEMENT: 36 INCHES OR LESS, ONE LABEL APPROX CENTERED. LONGER THAN 36 INCHES, TWO LABELS APPROX 6 INCHES FROM EACH CONNECTOR.

2. CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.

3. CABLES ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.

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PE DS Rev-D4 Asize

Revision

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	1	INITIAL RELEASE	12/27/2023	KDANG	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

PE PASTERNACK®
an INFINITE brand

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

DESCRIPTION
MCX PLUG TO UNTERMINATED LEAD CABLE USING RG316 COAX

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	53919	KDANG	PE36087	1

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