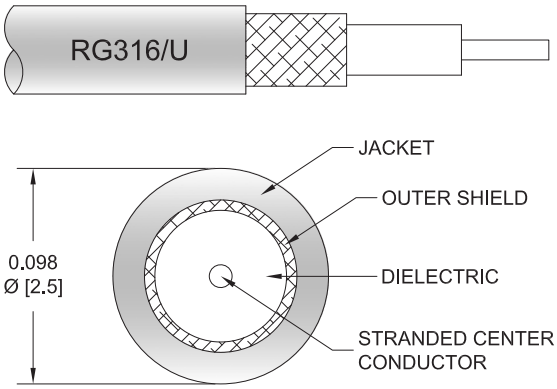
MCX Plug to SSMA Male Right Angle Cable Using RG316 Coax

PE3W12582

Configuration

- Connector 1: MCX Plug
- Connector 2: SSMA Male Right Angle
- Cable Type: RG316
- Coax Flex Type: Flexible



Features

- 69% Phase Velocity
- FEP Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W12582 MCX plug to SSMA male right angle 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 MCX to SSMA cable assembly has a plug to male gender configuration with 50 ohm flexible RG316 coax. The right angle SSMA interface on the RG316 cable allows for easier connections in tight spaces.

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

Width/Diameter	0.5 in [12.7 mm]
Weight	0.027 lbs [12.25 g]

Cable

Cable Type	RG316
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE

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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	MCX Plug	SSMA Male Right Angle
Specification	CECC 22220	MIL-STD-348
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Right Angle
Contact Material and Plating	Brass, Gold	Gold
Contact Plating Specification	30 µin minimum	MIL-G-45204
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	100 µin minimum	QQ-N-290
Coupling Nut Material and Plating		Brass, Nickel
Coupling Nut Plating Specification		QQ-N-290
Hex Size		1/4 inch
Torque		3 in-lbs 0.34 Nm

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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Typical Performance Data

How to Order

Part Number Configuration: **PE3W12582 - xx uu**

- uu — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches
- xx — Length
- PE3W12582 — Base Number

Example: PE3W12582-12 = 12 inches long cable
PE3W12582-100cm = 100 cm long cable

MCX Plug to SSMA Male Right Angle 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 SSMA Male Right Angle Cable Using RG316 Coax PE3W12582

URL: https://www.pasternack.com/mcx-plug-to-ssma-male-cable-using-rg316-pe3w12582-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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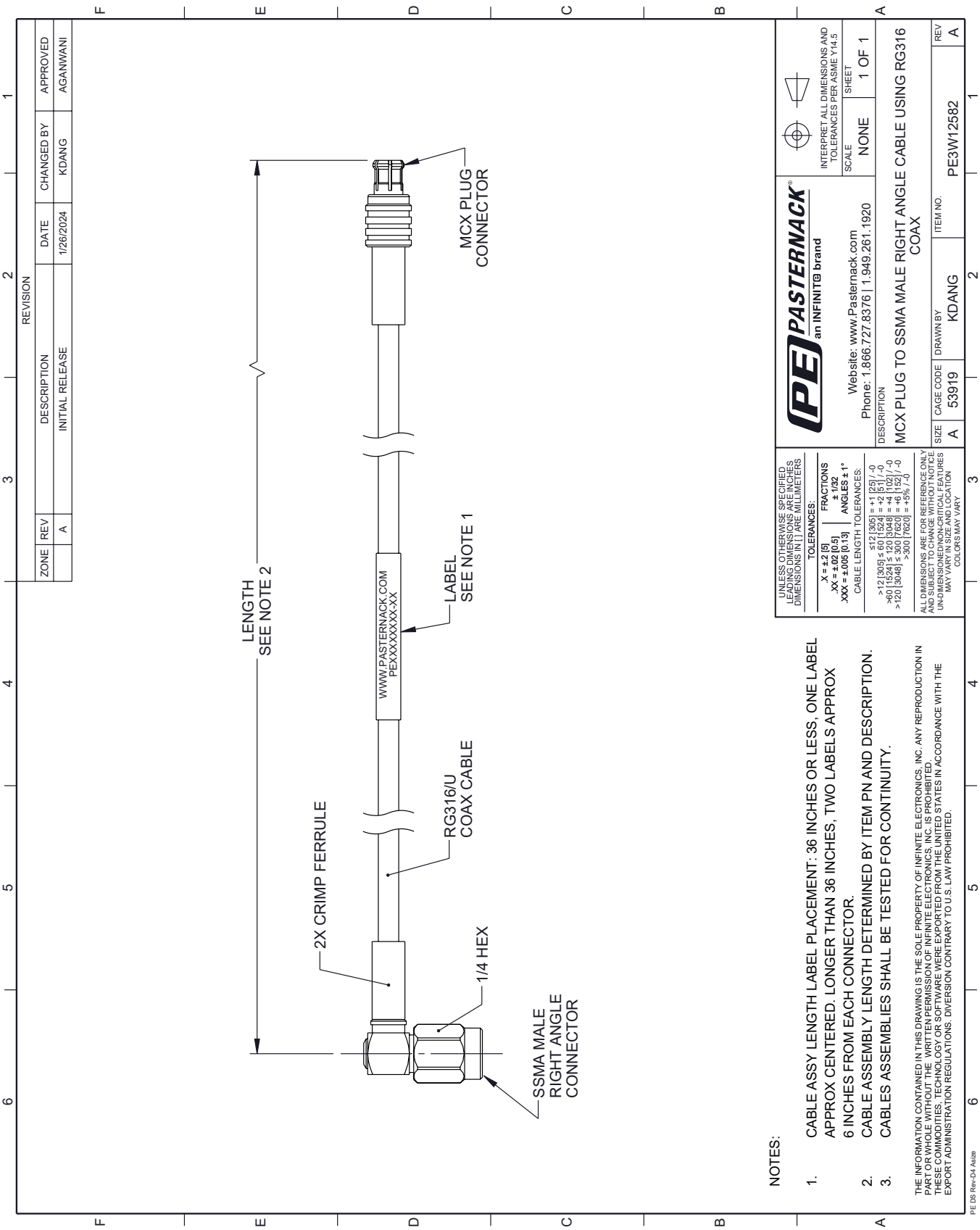
PE3W12582 CAD Drawing

MCX Plug to SSMA Male Right Angle Cable Using RG316 Coax



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