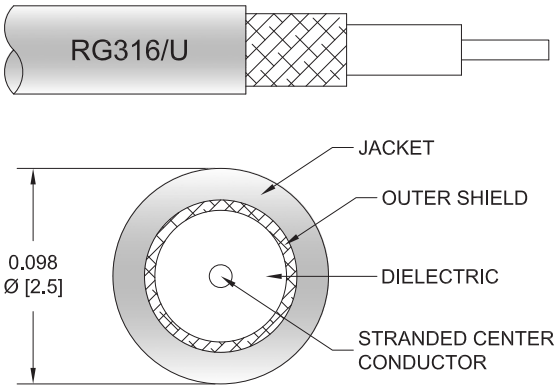
SMA Male Right Angle to SMA Female Bulkhead Cable 48 Inch Length Using RG316 Coax



PE3836-48

Configuration

- Connector 1: SMA Male Right Angle
- Connector 2: SMA Female Bulkhead
- Cable Type: RG316
- Coax Flex Type: Flexible



Features

- FEP Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3836-48 SMA male right angle to SMA female bulkhead 48 inch 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 SMA cable assembly has a male to female gender configuration with 50 ohm flexible RG316 coax. The right angle SMA interface on the RG316 cable allows for easier connections in tight spaces. 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

Length	48 in [121.92 cm]
Width/Diameter	0.315 in [8 mm]
Weight	0.066 lbs [29.94 g]

Cable

Cable Type	RG316
Impedance	50 Ohms
Inner Conductor Type	Stranded

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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 Male Right Angle	SMA Female Bulkhead
Specification	MIL-STD-348A	
Impedance	50 Ohms	50 Ohms
Configuration	Right Angle	Straight
Contact Material and Plating	Brass, Gold	Gold
Contact Plating Specification	50µ in. minimum	
Dielectric Type	Teflon	
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	100µ in. minimum	
Hex Size	5/16 in	
Torque	5 in-lbs 0.57 Nm	

Environmental Specifications

Operating Range Temperature	-55 to +155 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:
Values at 25°C, sea level.

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Typical Performance Data

How to Order

Part Number Configuration:

PE3836 - xx uu

- uu — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches
- xx — Length
- PE3836 — Base Number

Example: PE3836-12 = 12 inches long cable
PE3836-100cm = 100 cm long cable

SMA Male Right Angle to SMA Female Bulkhead Cable 48 Inch Length 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 Male Right Angle to SMA Female Bulkhead Cable 48 Inch Length Using RG316 Coax PE3836-48

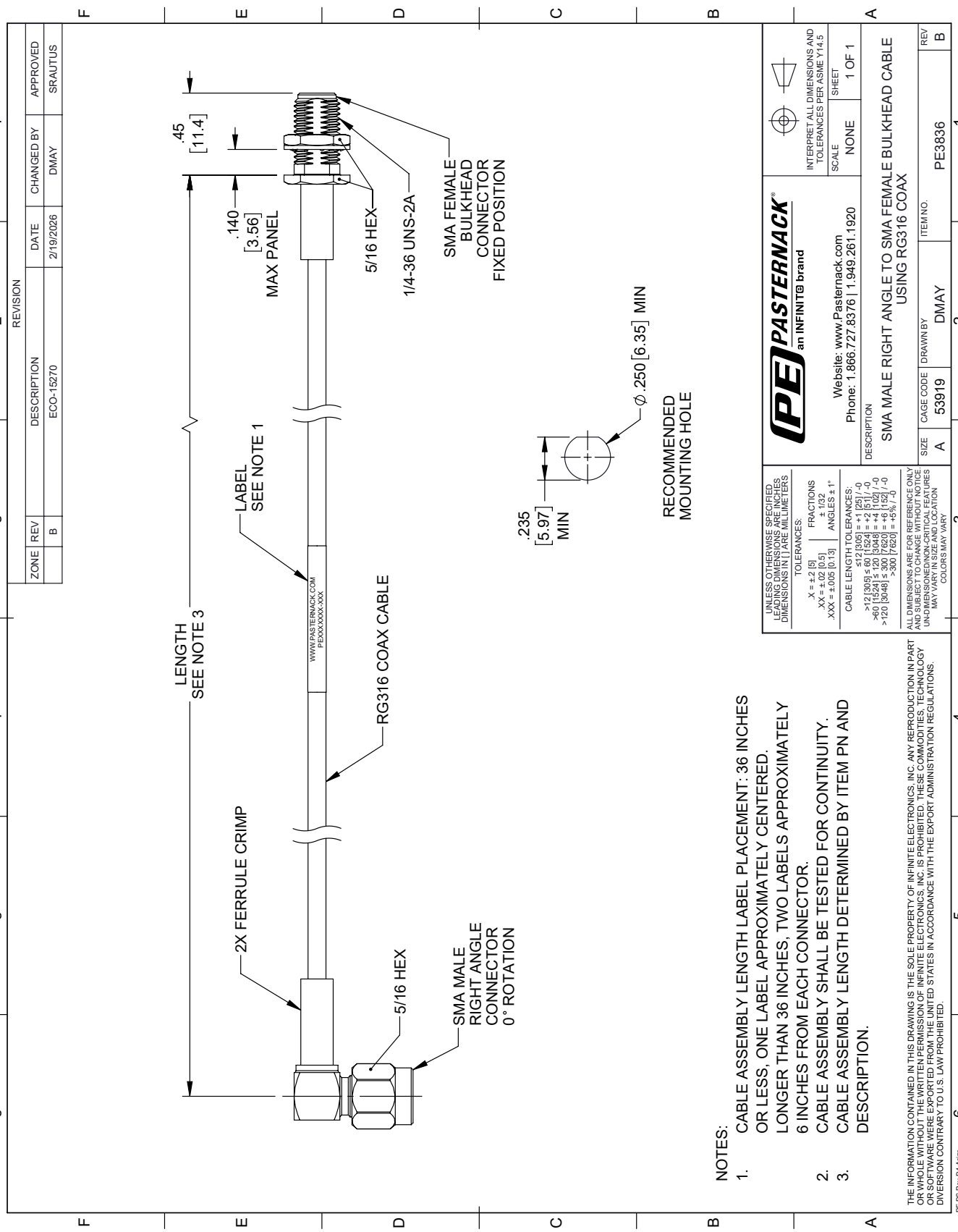
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PE3836-48 CAD Drawing

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