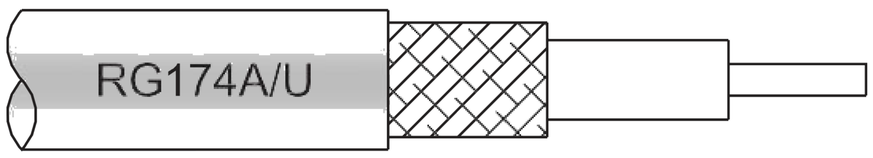
SMA Female Bulkhead to MMCX Plug Right Angle Cable 48 Inch L ength Using ET-ET-RG174 Coax

RF Cable Assemblies Technical Data Sheet ET26349

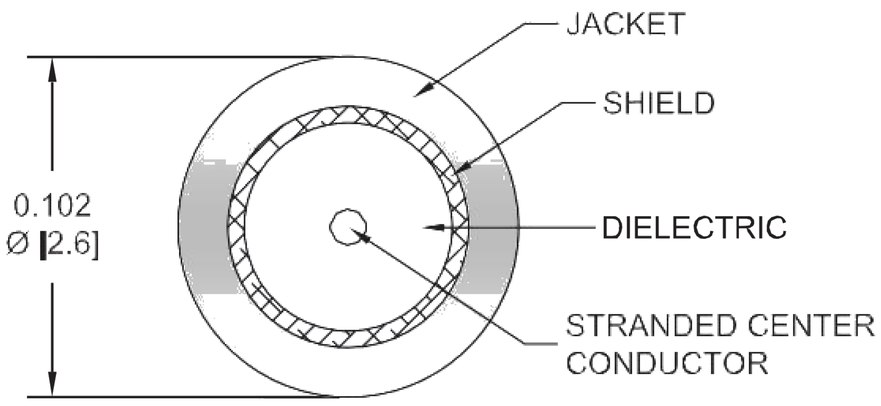
Configuration

- Connector 1: SMA Female Bulkhead
- Connector 2: MMCX Plug Right Angle
- Cable Type: ET-RG174



Features

- Max Frequency 1 GHz
- 66% Phase Velocity
- PVC Jacket



Applications

- General Purpose
- Laboratory Use

Description

Ebeestock's ET26349 SMA female bulkhead to MMCX plug right angle 48 inch cable using ET-RG174 coax is part of our full line of RF components available for same-day shipping. Ebeestock's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Ebeestock SMA to MMCX cable assembly has a female to plug gender configuration with 50 ohm flexible ET-RG174 coax. The ET26349 SMA female to MMCX plug cable assembly operates to 1 GHz. The right angle MMCX interface on the ET-RG174 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
Frequency Range	DC		1,000	MHz
VSWR			1.25:1	
Velocity of Propagation		66		%
Capacitance		30.8 [101.05]		pF/ft [pF/m]

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 Right Angle Cable 48 Inch Length Using ET-RG174 Coax ET26349

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park,
Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.

Webstie:www.ebeestock.com Email:sales@ebeestock.com

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Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	50	100	250	500	1,000	MHz
Insertion Loss (Max.)	0.4	0.52	0.8	1.04	1.48	dB

Electrical Specification Notes:
The Insertion Loss data above is based on the performance specifications of the coax cable used in this assembly. The Insertion Loss includes as estimated insertin loss of 0.1 dB per connector.

Mechanical Specifications

Cable Assembly

Length*	48 in [121.92 cm]
Diameter	0.312 in [7.92 mm]
Weight	0.06 lbs [27.22 g]

Cable

Cable Type	ET-RG174
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel
Dielectric Type	PE (LD)
Number of Shields	1
Shield Layer 1	Tinned Copper Braid
Jacket Material	PVC, Black
Jacket Diameter	0.1 in [2.54 mm]

Connectors

Description	Connector 1	Connector 2
Type	SMA Female Bulkhead	MMCX Plug Right Angle
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:

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RF Cable Assemblies Technical Data Sheet ET26349

*All cable assemblies have a length tolerance of 1.5% or ± 3/8”, whichever is greater.

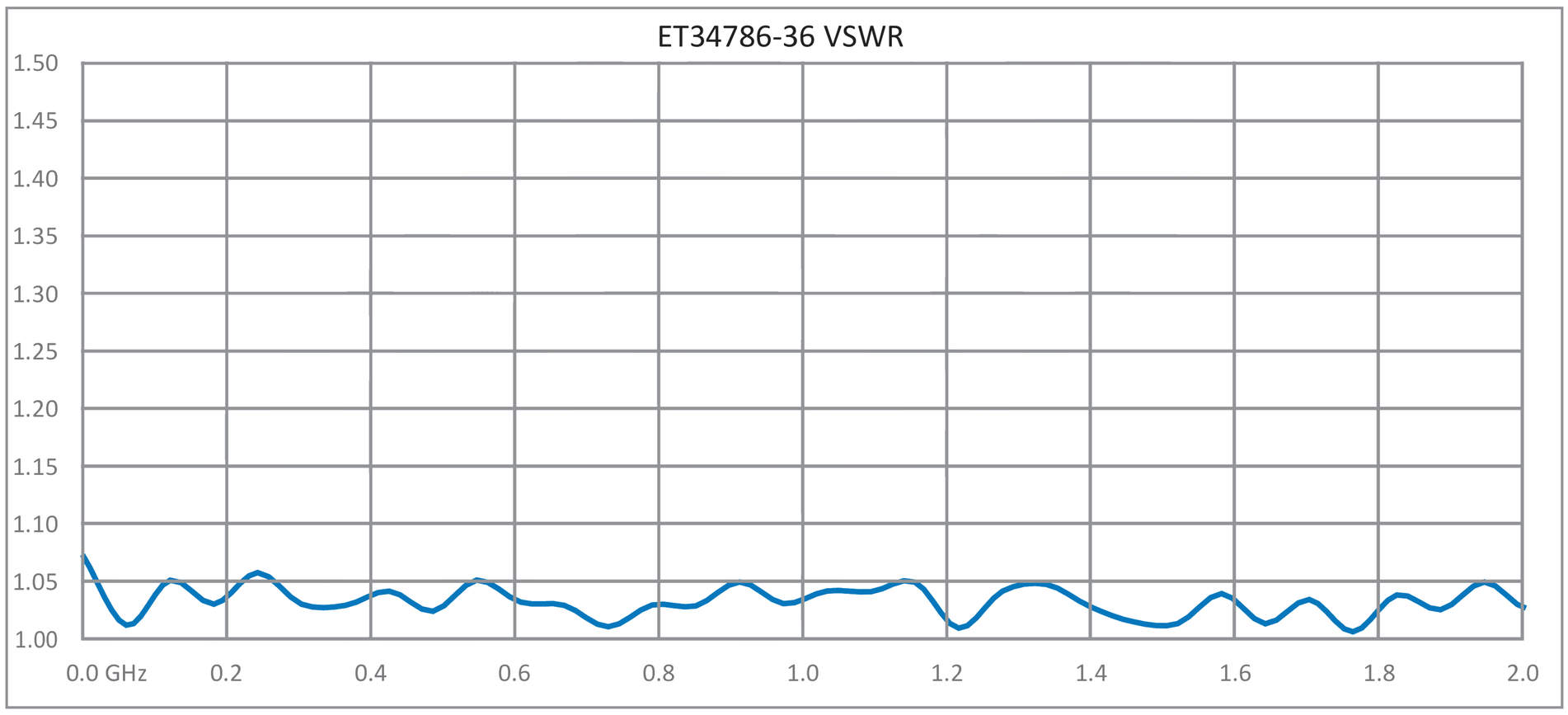
Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

- Values at 25°C, sea level.

Typical Performance Data



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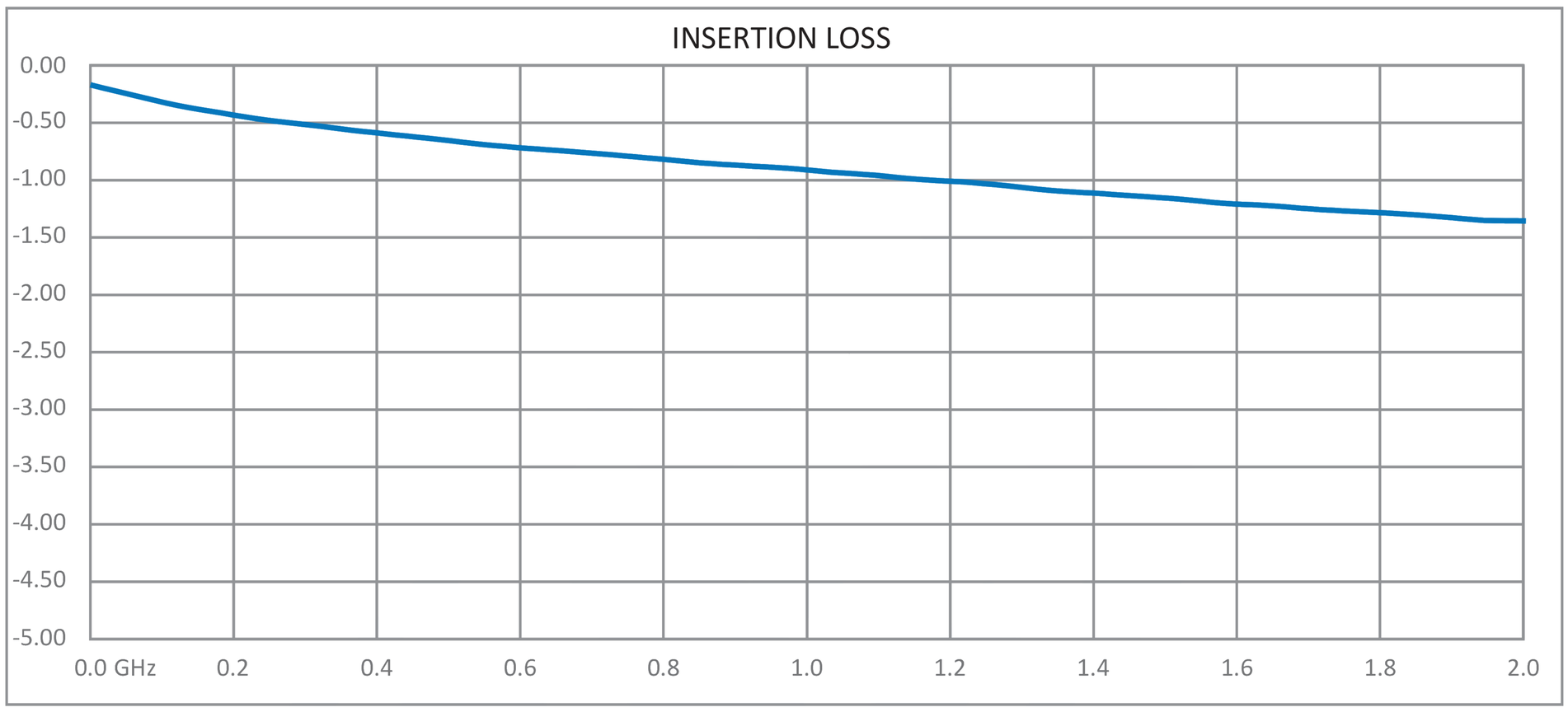

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How to Order

Part Number Configuration: **ET34786 - xx uu**

- **uu** — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches
- **xx** — Length
- **ET34786** — Base Number

Example: ET34786-12 = 12 inches long cable
ET34786-100cm = 100 cm long cable

SMA Female Bulkhead to MMCX Plug Right Angle Cable 48 Inch Length Using ET-RG174 Coax from Ebeestock 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 Right Angle Cable 48 Inch Length Using ET-RG174 Coax ET26349

URL: https://www.ebeestock.com/sma-female-bulkhead-to-mmcx-plug-right-angle-cable-12-inch-length-using-rg174-coax-0026346

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. Ebeestock reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Ebeestock does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Ebeestock does not assume any liability arising out of the use of any part or documentation.

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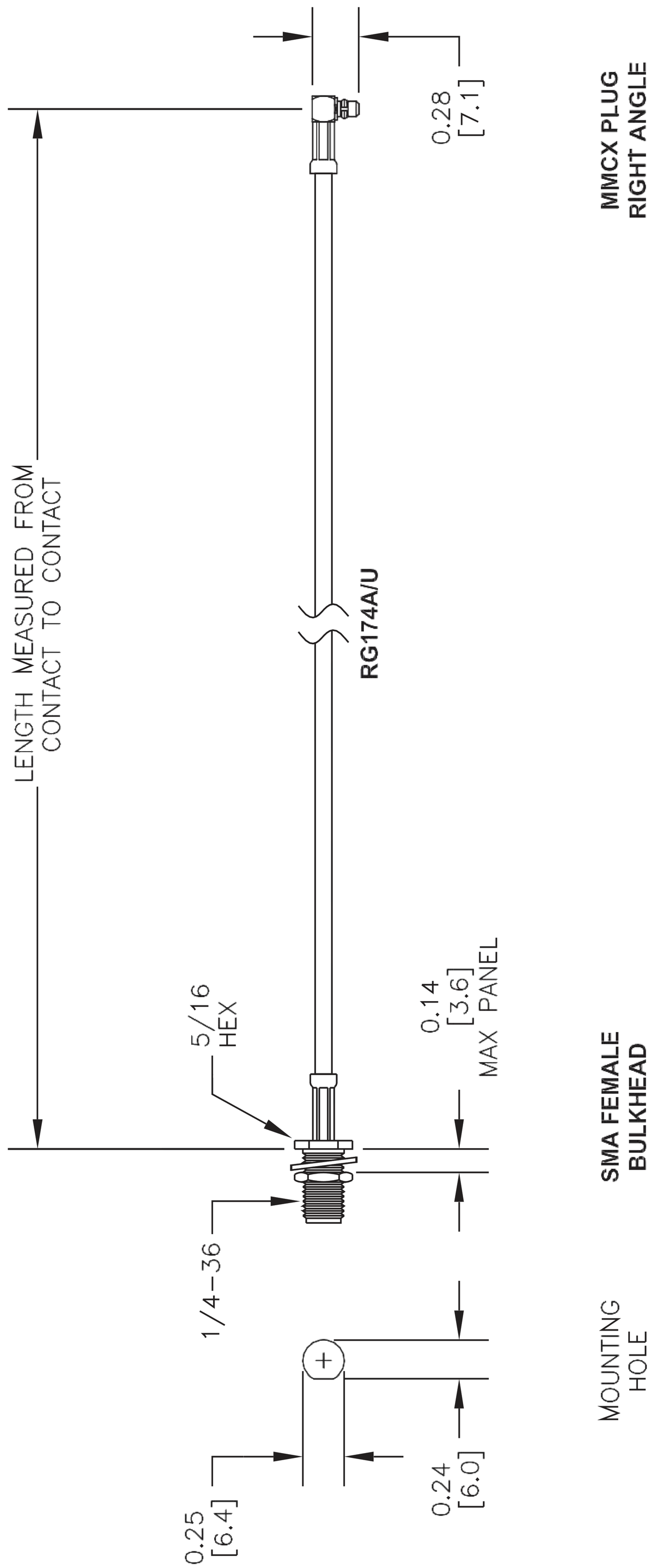
ET26349 CAD Drawing

SMA Female Bulkhead to MMCX Plug Right Angle
Cable 48 Inch Length Using ET-RG174 Coax



NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].
4. LENGTH TOLERANCE IS ± 1.5% OR 3/8", WHICHEVER IS GREATER.

DWG TITLE
PE34786

CAD FILE	051315	SCALE N/A	SIZE A	2233
FSCM NO. 53919				

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