



STRANDED CENTER

CONDUCTOR

## RF Cable Assemblies Technical Data Sheet

ET26351

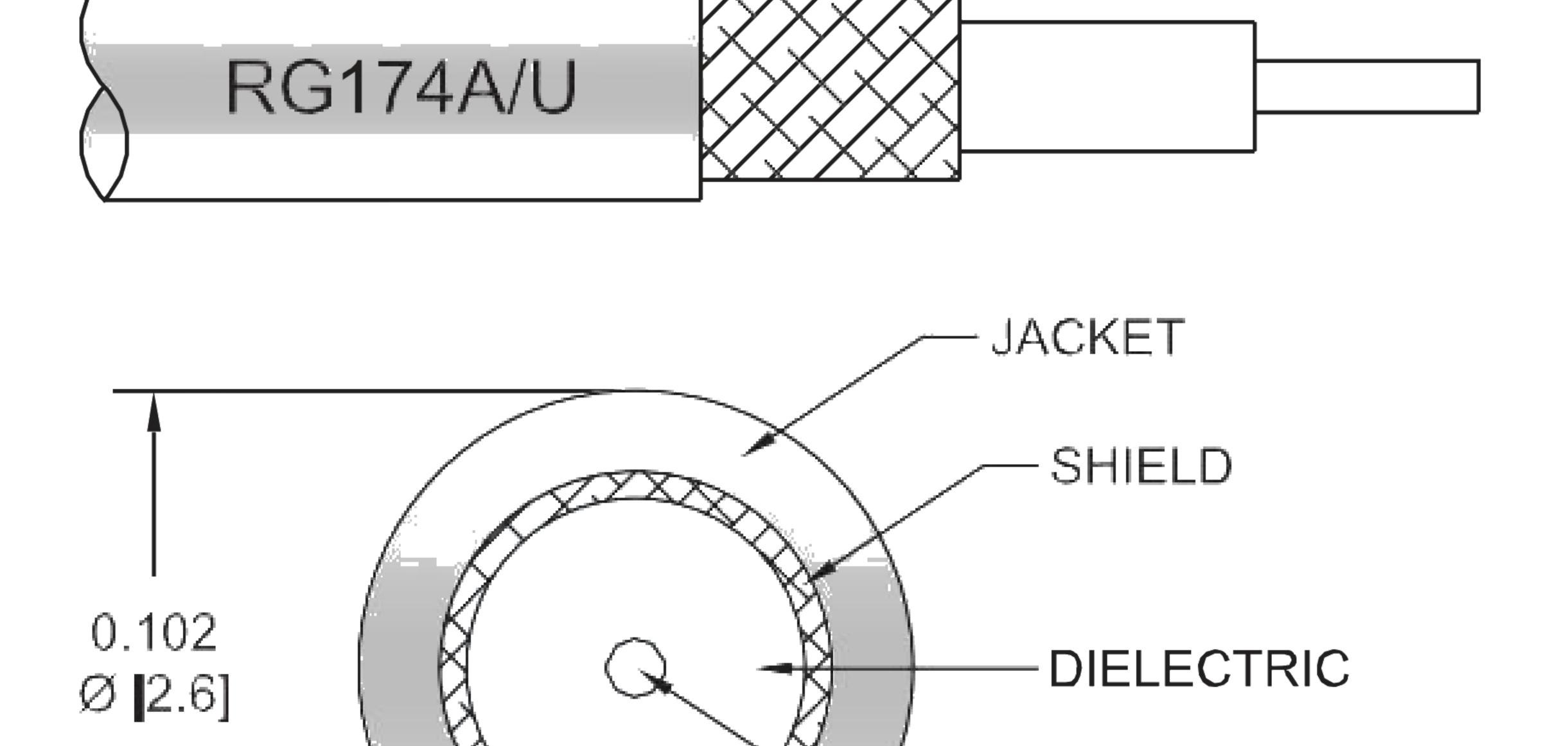
# Configuration

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 ET26351 SMA female bulkhead to MMCX plug right angle 50 cm 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 ET26351 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		%		
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 50 cm Length Using ET-RG174 Coax ET26351





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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.)	0.28	0.32	0.44	0.53	0.71	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\*
 19.69 in [500.13 mm]

 Diameter
 0.312 in [7.92 mm]

 Weight
 0.04 lbs [18.14 g]

#### Cable

Cable Type
Impedance
Inner Conductor Type

ET-RG174

50 Ohms
Stranded

Inner Conductor Material and Plating Copper Clad Steel Dielectric Type PE (LD)

Number of Shields

Shield Layer 1

Jacket Material

Jacket Diameter

Tinned Copper Braid

PVC, Black

0.1 in [2.54 mm]

### Connectors

Connector 1	Connector 2	
SMA Female Bulkhead	MMCX Plug Right Angle	
	BS EN 122340	
50 Ohms	50 Ohms	
Gold	Brass, Gold	
	30μ in. minimum	
	Teflon	
Brass, Nickel	Brass, Gold	
	3μ in. minimum	
	SMA Female Bulkhead  50 Ohms  Gold	

Mechanical Specification Notes:

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

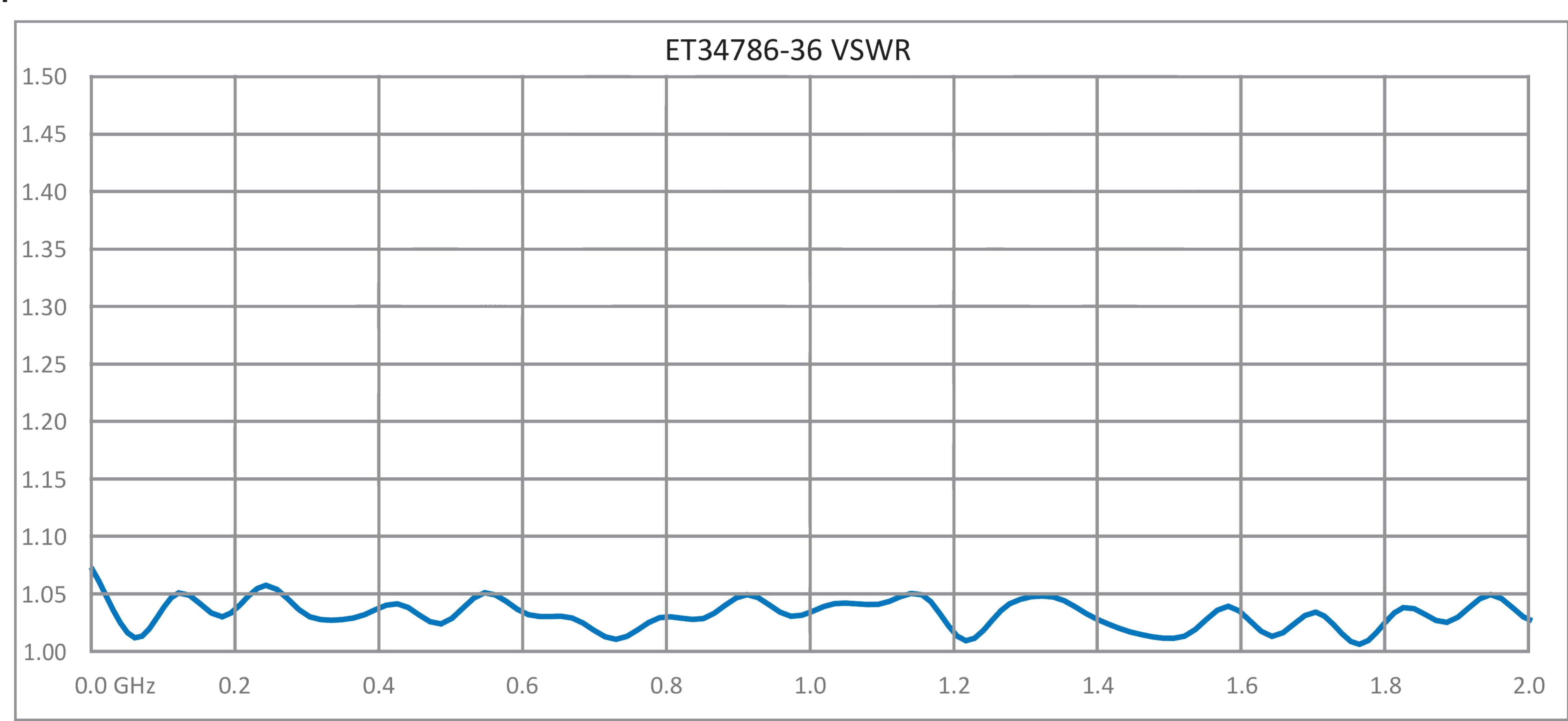
Compliance Certifications (see product page for current document)

### Plotted and Other Data

Notes:

Values at 25°C, sea level.

#### Typical Performance Data



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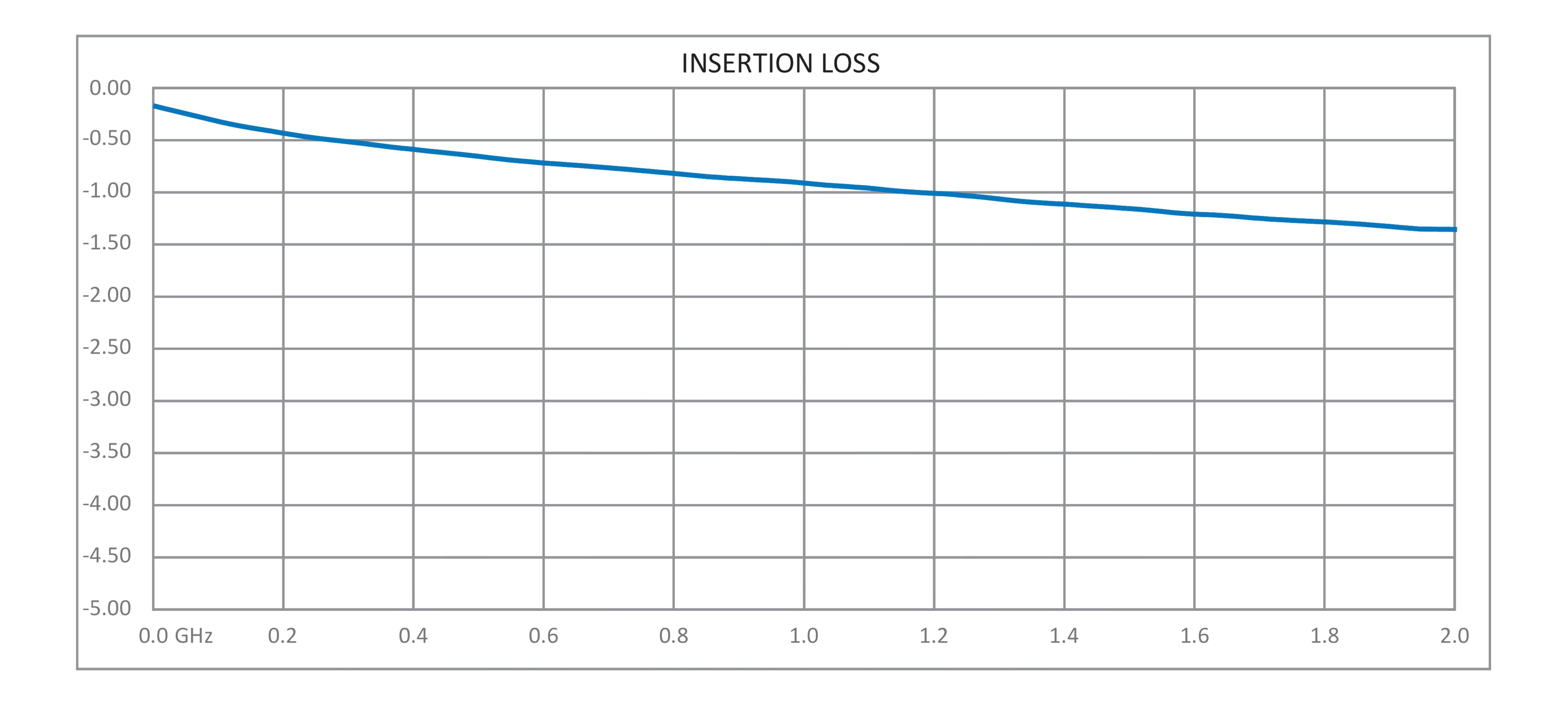
www.ebeestock.com





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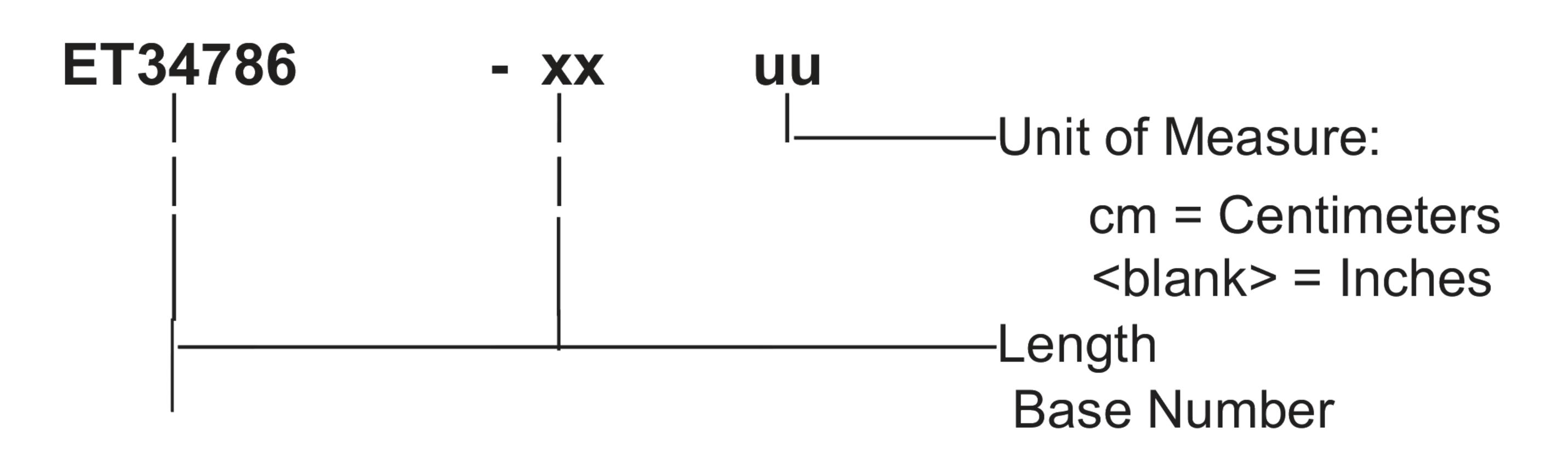


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#### How to Order

Part Number Configuration:



Example: ET34786-12 = 12 inches long cable

ET34786-100cm = 100 cm long cable

SMA Female Bulkhead to MMCX Plug Right Angle Cable 50 cm 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 50 cm Length Using ET-RG174 Coax ET26351

**URL:** https://www.ebeestock.com/sma-female-bulkhead-to-mmcx-plug-right-angle-cable-12-inch-lengt h-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.

# ET26351 CAD Drawing

SMA Female Bulkhead to MMCX Plug Right Angle Cable 50 cm Length Using ET-RG174 Coax

