



RF Cable Assemblies Technical Data Sheet

ET26149

Configuration

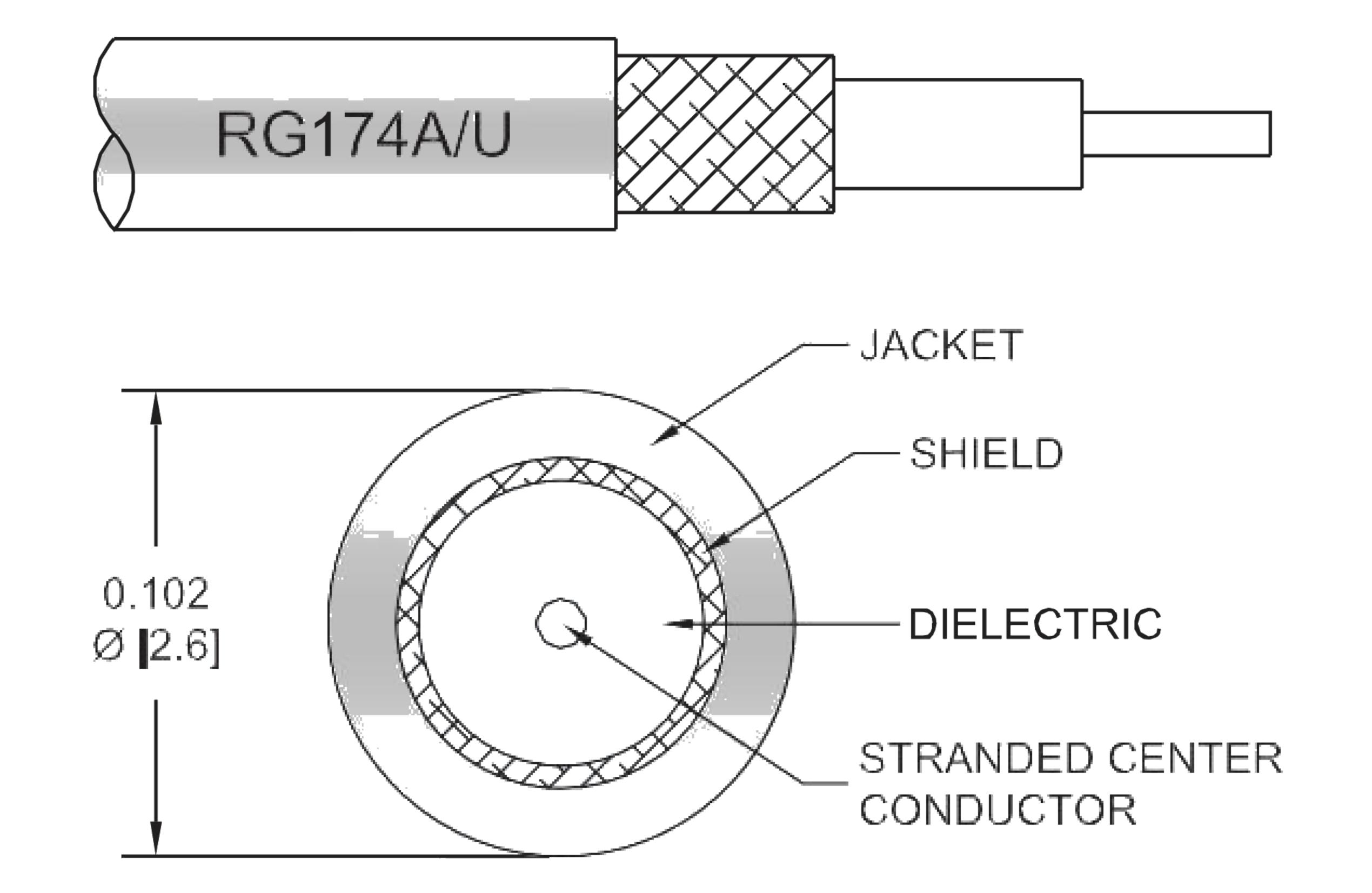
• Connector 1: MMCX Plug

• 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 ET26149 MMCX plug to MMCX plug right angle 72 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 MMCX to MMCX cable assembly has a plug to plug gender configuration with 50 ohm flexible ET-RG174 coax. The ET26149 MMCX plug 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.

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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: MMCX Plug to MMCX Plug Right Angle Cable 72 Inch Length Using ET-RG174 Coax, RoHS ET26149





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Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
VSWR			1.4:1	
Velocity of Propagation		66		%
Capacitance		30.8 [101.05]		pF/ft [pF/m]

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	50	100	250	500	1,000	MHz
Insertion Loss (Typ.)	0.452	0.704	1.022	1.47	2.12	dB
VSWR (Max.)	1.4:1	1.4:1	1.4:1	1.4:1	1.4:1	
Return Loss (Max.)	15.56	15.563	15.563	15.563	15.563	dB

Mechanical Specifications

Cable Assembly

 Length*
 72 in [182.88 cm]

 Diameter
 0.276 in [7.01 mm]

 Weight
 0.056 lbs [25.4 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 Shield Layer 1 Tinned Copper Braid PVC, Black Jacket Material 0.1 in [2.54 mm] Jacket Diameter

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Connectors

Description	Connector 1	Connector 2 MMCX Plug Right Angle	
Туре	MMCX Plug		
Specification	BS EN 122340	BS EN 122340	
Impedance	50 Ohms	50 Ohms	
Contact Material and Plating	Brass, Gold	Brass, Gold	
Contact Plating Specification	30μ in. minimum	30µ in. minimum	
Dielectric Type	Teflon	Teflon	
Body Material and Plating	Brass, Gold	Brass, Gold	
Body Plating Specification	3μ in. minimum	3μ in. minimum	

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Values at 25°C, sea level.

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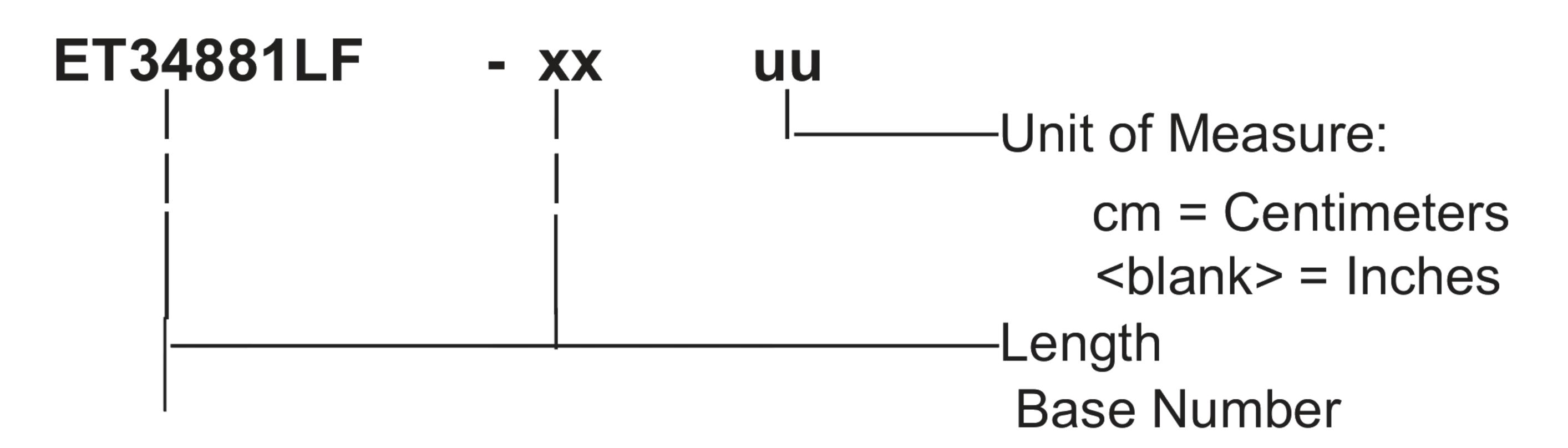


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How to Order

Part Number Configuration:



Example: ET34881LF-12 = 12 inches long cable

ET34881LF-100cm = 100 cm long cable

MMCX Plug to MMCX Plug Right Angle Cable 72 Inch Length Using ET-RG174 Coax, RoHS 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.

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URL: https://www.ebeestock.com/mmcx-plug-to-mmcx-plug-right-angle-cable-12-inch-length-using-rg 174-coax-rohs-0026144

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.

