

MHV Male to MHV Male Cable 72 Inch Length Using ET-ET-RG141 Coax



RF Cable Assemblies Technical Data Sheet

ET25148

Configuration

Connector 1: MHV Male
Connector 2: MHV Male
Cable Type: ET-RG141

Features

- Max Frequency 300 MHz
- PTFE (FG) Jacket

Applications

General Purpose

Laboratory Use

Description

Ebeestock's ET25148 MHV male to MHV male 72 inch cable using ET-RG141 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 MHV to MHV cable assembly has a male to male gender configuration with 50 ohm flexible ET-RG141 coax. The ET25148 MHV male to MHV male cable assembly operates to 300 MHz.

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		300	MHz
VSWR			1.4:1	
Capacitance		29.4 [96.46]		pF/ft [pF/m]
Jacket Spark			2,000	Vrms

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	50	100	250	300		MHz
Insertion Loss (Typ.)	0.344	0.434	0.523	0.554		dB

Electrical Specification Notes:

The Insertion Loss data above is based on the performance specifications of the coax and connectors used in this assembly. The Insertion Loss includes an estimated insertion loss of 0.1 dB per connector.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: MHV Male to MHV Male Cable 72 Inch Length Using ET-RG141 Coax ET25148

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



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Mechanical Specifications

Cable Assembly

Length* 72 in [182.88 cm]
Weight 0.269 lbs [122.02 g]

Cable

Cable Type
Impedance
Inner Conductor Type

ET-RG141

50 Ohms
Solid

Inner Conductor Material and Plating Copper Clad Steel, Silver

Dielectric Type

Number of Shields

1

Shield Layer 1
Jacket Material
PTFE (FG), Beige
Jacket Diameter
0.19 in [4.83 mm]

Connectors

Description	Connector 1	Connector 2	
Type	MHV Male	MHV Male	
Specification	MIL-STD-348	MIL-STD-348	
Impedance	50 Ohms	50 Ohms	
Contact Material and Plating	Brass, Gold	Brass, Gold	
Contact Plating Specification	30μ In. Min	30μ In. Min	
Dielectric Type	Teflon	Teflon	
Body Material and Plating	Brass, Nickel	Brass, Nickel	
Body Plating Specification	100μ In. Minimum	100μ In. Minimum	
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel	
Coupling Nut Plating Specification	100μ In. Minimum	100μ 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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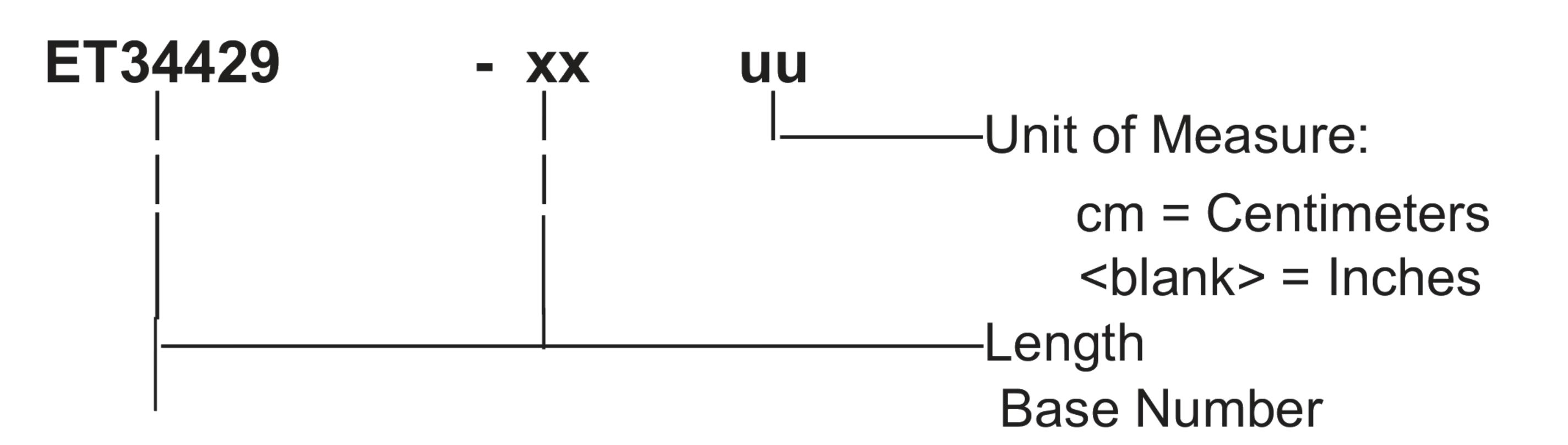


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How to Order

Part Number Configuration:



Example: ET34429-12 = 12 inches long cable

ET34429-100cm = 100 cm long cable

MHV Male to MHV Male Cable 72 Inch Length Using ET-RG141 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.

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URL: https://www.ebeestock.com/mhv-male-to-mhv-male-cable-12-inch-length-using-rg141-coax-00251

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.

www.ebeestock.com

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