

MHV Male to MHV Male Cable 36 Inch Length Using ET-RG225 Coa

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### RF Cable Assemblies Technical Data Sheet

ET25109

# Configuration

Connector 1: MHV Male
Connector 2: MHV Male
Cable Type: ET-RG225

# Features

- Double Shielded
- PTFE (FG) Jacket

# Applications

General Purpose

Laboratory Use

#### Description

Ebeestock's ET25109 MHV male to MHV male 36 inch cable using ET-RG225 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-RG225 coax. The double shielding of this Ebeestock cable assembly provides excellent shielding effectiveness.

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		32.4 [106.3]		pF/ft [pF/m]

#### Mechanical Specifications

### Cable Assembly

 Length\*
 36 in [914.4 mm]

 Diameter
 0.57 in [14.48 mm]

 Weight
 0.679 lbs [307.99 g]

#### Cable

Cable Type
Impedance
Inner Conductor Type
Inner Conductor Material and Plating
Dielectric Type
Number of Shields

ET-RG225
50 Ohms
Stranded
Copper, Silver
PTFE
2

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 36 Inch Length Using ET-RG225 Coax ET25109

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



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Χ



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Shield Layer 1
Shield Layer 2
Jacket Material
Jacket Diameter

Silver Plated Copper Braid Silver Plated Copper Braid PTFE (FG), Tan 0.43 in [10.92 mm]

#### Connectors

Description	Connector 1	Connector 2	
Type	MHV Male	MHV Male	
Impedance	50 Ohms	50 Ohms	
Contact Material and Plating	Brass, Gold	Brass, Gold	
Dielectric Type	Teflon	Teflon	
Body Material and Plating	Brass, Nickel	Brass, Nickel	
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel	

Mechanical Specification Notes:

Compliance Certifications (see product page for current document)

## Plotted and Other Data

Notes:

Values at 25°C, sea level.

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



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## RF Cable Assemblies Technical Data Sheet

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Length

Base Number

#### How to Order

Part Number Configuration:

ET34423 - xx uu

Unit of Measure:

cm = Centimeters

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Example: ET34423-12 = 12 inches long cable

ET34423-100cm = 100 cm long cable

MHV Male to MHV Male Cable 36 Inch Length Using ET-RG225 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-rg225-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.

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