

MHV Male to SHV Plug Cable 48 Inch Length Using ET-RG225 Coa

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### RF Cable Assemblies Technical Data Sheet

ET30208

# Configuration

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

### Features

- Double Shielded
- PTFE (FG) Jacket

# Applications

General Purpose

Laboratory Use

#### Description

Ebeestock's ET30208 MHV male to SHV plug 48 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 SHV cable assembly has a male to plug 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\*
 48 in [121.92 cm]

 Diameter
 0.57 in [14.48 mm]

 Weight
 0.862 lbs [391 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

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 SHV Plug Cable 48 Inch Length Using ET-RG225 Coax ET30208

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



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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	
Туре	MHV Male	SHV Plug	
Specification		MIL-STD-348A	
Impedance	50 Ohms	50 Ohms	
Contact Material and Plating	Brass, Gold	Brass, Gold	
Contact Plating Specification		30μ in. minimum	
Dielectric Type	Teflon	Teflon	
Body Material and Plating	Brass, Nickel	Brass, Nickel	
Body Plating Specification		100μ in. minimum	
Coupling Nut Material and Plating	Brass, Nickel Brass, Nickel		
Coupling Nut Plating Specification		100μ in. minimum	

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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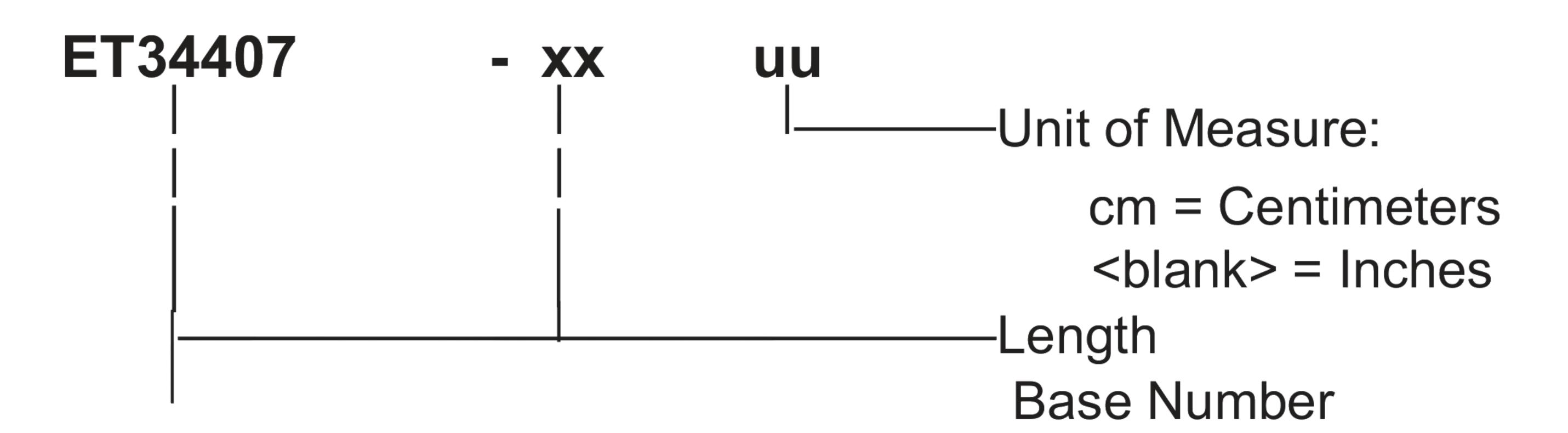


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#### How to Order

Part Number Configuration:



Example: ET34407-12 = 12 inches long cable

ET34407-100cm = 100 cm long cable

MHV Male to SHV Plug Cable 48 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.

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 SHV Plug Cable 48 Inch Length Using ET-RG225 Coax ET30208

**URL:** https://www.ebeestock.com/mhv-male-to-shv-plug-cable-12-inch-length-using-rg225-coax-00302

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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