

10KV Male to MHV Female Cable RG303HV Coax in 60 Inch



FMCA9787-60

Configuration

Connector 1: 10KV MaleConnector 2: MHV FemaleCable Type: RG303HV

Features

- · 69% Phase Velocity
- FEP Jacket

Applications

· General Purpose

· Laboratory Use

Description

The 10KV male to MHV female 60 inch cable using RG303HV coax, part number FMCA9787-60, from Fairview Microwave is in-stock and ships same day. This Fairview 10KV to MHV cable assembly has a male to female gender configuration with 50 ohm RG303HV coax. Our 10kV high voltage RF cable assemblies are designed to handle higher voltages and minimize the risk of electric shock. Both the connectors used in this cable assemblies have recessed contact design to withstand unmated higher voltage. These cable assemblies are commonly used in applications where high voltage transmission and RF signal integrity are critical. These cable assemblies are constructed with high-quality insulation materials capable of withstanding higher voltages, ensuring safety and preventing electrical breakdown. Our cable assemblies are built with durable and flexible materials to withstand harsh environmental conditions and repetitive movements, ensuring reliable performance over extended periods.

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 RF cable assembly value added services including connector orientation or clocking, heat shrink booting and labeling are also available. RF testing can also be performed to document the electrical performance of your cable assembly.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Velocity of Propagation		69		%

Electrical Specification Notes: Values at 25°C, sea level.

Mechanical Specifications

Cable Assembly

 Length
 60 in [152.4 cm]

 Width/Diameter
 0.5 in [12.7 mm]

 Weight
 0.028 lbs [12.7 g]

Cable

Cable Type RG303HV Impedance 50 Ohms

Inner Conductor Material and Plating Silver, Copper Clad Aluminum



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Dielectric Type FEP
Number of Shields 1
Jacket Material FEP

Jacket Diameter0.169 in [4.29 mm]Repeated Minimum Bend Radius0.788 in [20.02 mm]

Connectors

Connector 1	Connector 2	
10KV Male	MHV Female	
MIL-STD-202	MIL-STD-348	
50 Ohms	50 Ohms	
Straight	Straight	
Beryllium Copper, Gold/Tri-Metal	Silver	
	QQ-S-365	
PE (HD)	PTFE	
Brass, Nickel Over Copper	Brass, Nickel	
	QQ-N-290	
Brass, Nickel Over Copper		
	10KV Male MIL-STD-202 50 Ohms Straight Beryllium Copper, Gold/Tri-Metal PE (HD) Brass, Nickel Over Copper	

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Values at 25°C, sea level.



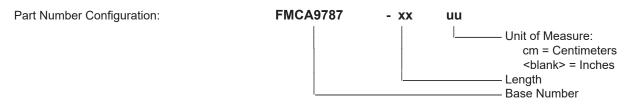
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Typical Performance Data

How to Order



Example: FMCA9787-12 = 12 inches long cable

FMCA9787-100cm = 100 cm long cable

10KV Male to MHV Female Cable RG303HV Coax in 60 Inch from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: 10KV Male to MHV Female Cable RG303HV Coax in 60 Inch FMCA9787-60

URL: https://www.fairviewmicrowave.com/10kv-male-to-mhv-female-cable-rg303hv-coax-in-60-inch-fmca9787-60-p.aspx

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