20KV Male to 20KV Male Cable Using RG213HV Coax



PE3C9766

Configuration

- Connector 1: 20KV Male
- Connector 2: 20KV Male
- Cable Type: RG213HV

Features

- 69% Phase Velocity
- Polyurethane Jacket
- Voltage rating of 20kV
- Recessed Contacts

Applications

- General Purpose
- Laboratory Use
- High voltage power supplies/Amplifiers
- Nuclear instrumentation
- Test and measurement equipment

Description

Pasternack's PE3C9766 20KV male to 20KV male cable using RG213HV coax is part of our full line of RF components available for same-day shipping. This Pasternack 20KV to 20KV cable assembly has a male to male gender configuration with 50 ohm RG213HV coax. Our 20kV 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 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
Velocity of Propagation		69		%
Operating Voltage (DC)			20,000	Vdc
Test Voltage (DC)			30,000	

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

Mechanical Specifications

Cable Assembly

Weight	0.121 lbs [54.88 g]

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Cable

Cable Type	RG213HV
Impedance	50 Ohms
Inner Conductor Material and Plating	Copper, Bare
Dielectric Type	PE
Number of Shields	1
Jacket Material	Polyurethane
Jacket Diameter	0.394 in [10.01 mm]
Repeated Minimum Bend Radius	1.969 in [50.01 mm]

Connectors

Description	Connector 1	Connector 2
Type	20KV Male	20KV Male
Specification	MIL-STD-202	MIL-STD-202
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Brass, Gold/Tri-Metal	Brass, Gold/Tri-Metal
Dielectric Type	PE (HD)	PE (HD)
Body Material and Plating	Brass, Tinned Copper	Brass, Tinned Copper
Coupling Nut Material and Plating	Brass, Tinned Copper	Brass, Tinned 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

Part Number Configuration: **PE3C9766 - xx uu**

- uu — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches
- xx — Length
- PE3C9766 — Base Number

Example: PE3C9766-12 = 12 inches long cable
PE3C9766-100cm = 100 cm long cable

20KV Male to 20KV Male Cable Using RG213HV Coax from Pasternack 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: 20KV Male to 20KV Male Cable Using RG213HV Coax PE3C9766

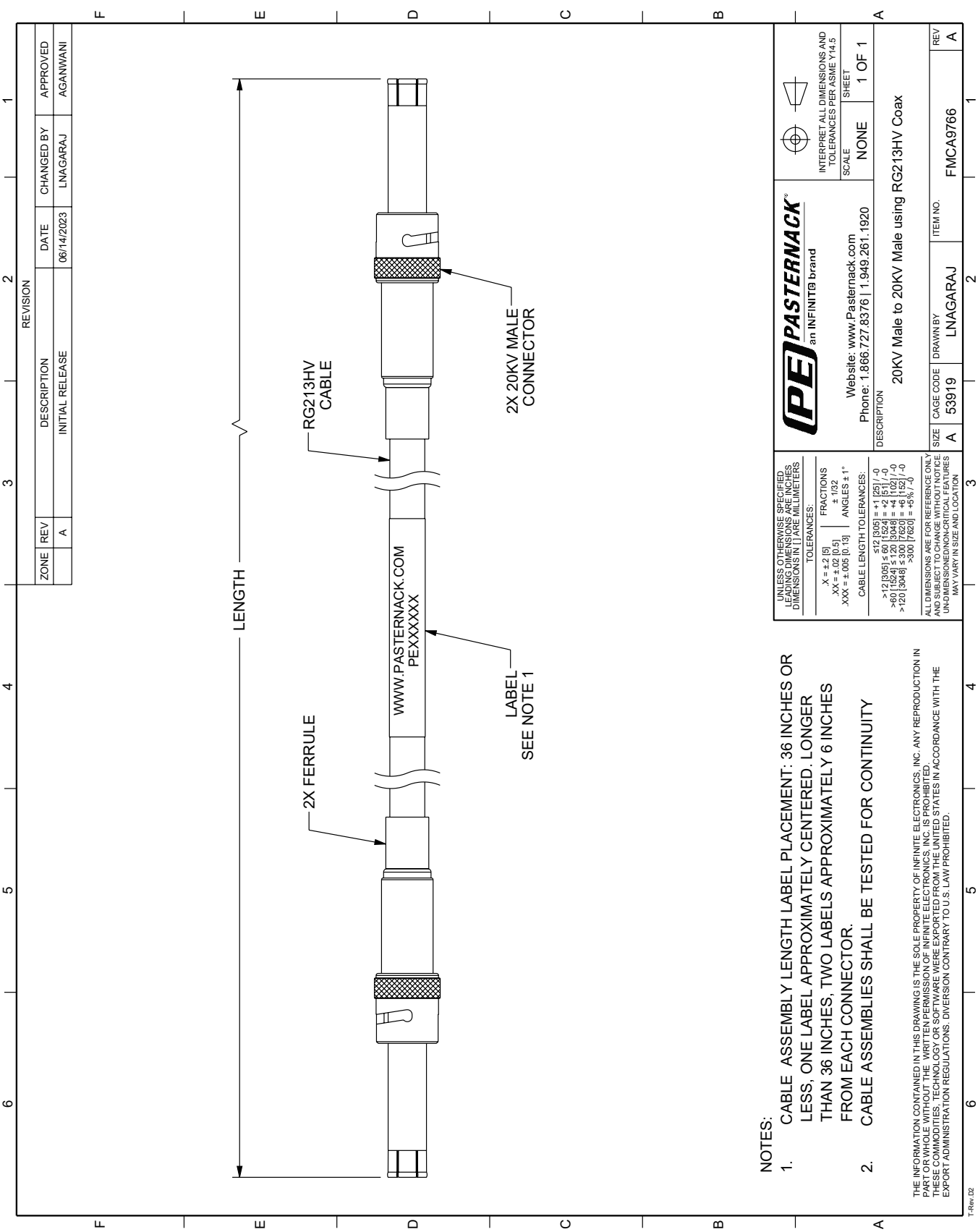
URL: https://www.pasternack.com/20kv-male-to-20kv-male-cable-using-rg213hv-pe3c9766-p.aspx

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PE3C9766 CAD Drawing

20KV Male to 20KV Male Cable Using RG213HV Coax



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