

HN Male to HN Male Cable RG-393 Coax

The HN male to HN male cable using RG-393 coax, part number FMC00723, from Fairview Microwave is in-stock and ships same day. This Fairview HN to HN cable assembly has a male to male gender configuration with 50 ohm flexible RG393 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The FMC00723 HN male to HN male cable assembly operates to 3 GHz. The double shielding of this Fairview 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 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	Min	Typ	Max	Units
Frequency Range	DC		3	GHz
VSWR			1.4:1	
Velocity of Propagation		70		%
Capacitance		29.4 [96.46]		pF/ft [pF/m]

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.1	0.25	0.5	1	3	GHz
Insertion Loss (Typ.)	0.021	0.03	0.045	0.075	0.142	dB/ft
	0.07	0.1	0.15	0.25	0.47	dB/m

Electrical Specification Notes:

Insertion Loss does not include the loss of the connectors. Insertion Loss is estimated as 0.1 dB per connector.

Mechanical Specifications

Cable Assembly

Weight 0.377 lbs [171 g]

Cable

Cable Type RG393
 Impedance 50 Ohms
 Inner Conductor Type Stranded
 Inner Conductor Material and Plating Copper, Silver
 Dielectric Type PTFE
 Number of Shields 2
 Shield Layer 1 Silver Plated Copper Braid
 Shield Layer 2 Silver Plated Copper Braid
 Jacket Material FEP, Tan
 Jacket Diameter 0.39 in [9.91 mm]



Configuration:

- HN Male
- HN Male
- RG393

Features:

- Max Frequency 3 GHz
- 70% Phase Velocity
- Double Shielded
- FEP Jacket

Applications:

- General Purpose
- Laboratory Use

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Connectors

Description	Connector 1	Connector 2
Type	HN Male	HN Male
Specification	MIL-STD-348A	MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Brass, Gold
Contact Plating Spec.	30μ in. minimum	30μ in. minimum
Dielectric Type	Teflon	Teflon
Body Material & Plating	Brass, Nickel	Brass, Nickel
Body Plating Spec.	100μ in. minimum	100μ in. minimum
Coupling Nut Material & Plating	Brass, Nickel	Brass, Nickel
Coupling Nut Plating Spec.	100μ in. minimum	100μ in. minimum

Environmental Specifications
Temperature

Operating Range -55 to +165 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

How to Order

Part Number Configuration:

FMC00723 - xx uu

 cm = Centimeters
 <blank> = Inches

Length

 Example: FMC00723-12 = 12 inches long cable
 FMC00723-100cm = 100 cm long cable

HN Male to HN Male Cable RG-393 Coax from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

 Click the following link to obtain additional part information: [HN Male to HN Male Cable RG-393 Coax FMC00723](#)

 URL: <https://www.fairviewmicrowave.com/hn-male-to-hn-male-cable-rg-393-coax-fmc00723-p.aspx>

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. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.

