

SHV Plug to SHV Plug Cable RG-188 Coax



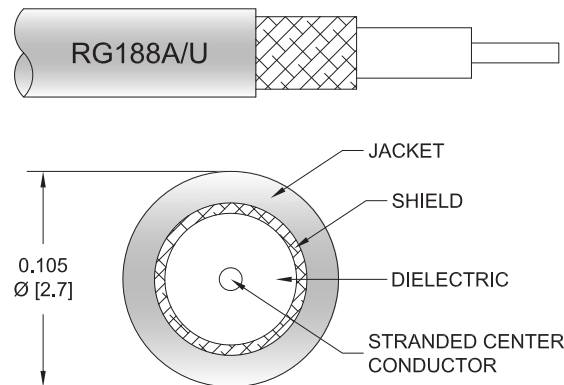
FMCA100072

Configuration

- Connector 1: SHV Plug
- Connector 2: SHV Plug
- Cable Type: RG-188
- Coax Flex Type: Flexible

Features

- Max Frequency 300 MHz
- PTFE Jacket



Applications

- General Purpose
- Laboratory Use

Description

The SHV plug to SHV plug cable using RG188 coax, part number FMCA100072, from Fairview Microwave is in-stock and ships same day. This Fairview SHV to SHV cable assembly has a plug to plug gender configuration with 50 ohm flexible RG-188 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The FMCA100072 SHV plug to SHV plug cable assembly operates to 300 MHz.

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
Frequency Range	DC		300	MHz
VSWR			1.4:1	

Mechanical Specifications

Cable Assembly

Width/Diameter	0.5 in [12.7 mm]
Weight	0.13 lbs [58.97 g]

Cable

Cable Type	RG-188
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE

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Number of Shields	1
Shield Layer 1	Silver Plated Copper Braid
Jacket Material	PTFE, White
Jacket Diameter	0.11 in [2.79 mm]

Connectors

Description	Connector 1	Connector 2
Type	SHV Plug	SHV Plug
Specification	MIL-STD-348A	MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification	30 µin minimum	30 µin minimum
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	100 µin minimum	100 µin minimum
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel
Coupling Nut Plating Specification	100 µin minimum	100 µin minimum

Environmental Specifications

Operating Range Temperature	-55 to +165 deg C
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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FMCA100072

Typical Performance Data

How to Order

Part Number Configuration:

FMCA100072

- **xx**

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Unit of Measure:
cm = Centimeters
<blank> = Inches
Length
Base Number

Example: FMCA100072-12 = 12 inches long cable
FMCA100072-100cm = 100 cm long cable

SHV Plug to SHV Plug Cable RG-188 Coax 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: [SHV Plug to SHV Plug Cable RG-188 Coax FMCA100072](https://www.fairviewmicrowave.com/shv-plug-to-shv-plug-cable-rg188-coax-fmca100072)

URL: <https://www.fairviewmicrowave.com/shv-plug-to-shv-plug-cable-rg188-coax-fmca100072-p.aspx>

The information contained within 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 liability arising out of the use of any part or document.

FMCA100072 CAD Drawing

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