

Slide-On RA BMA Jack 2 Hole Flange to RA Slide-On BMA Jack 2 Hole Flange Cable RG402 Type .141 Coax

The RA BMA jack slide-on 2 hole flange to RA BMA jack slide-on 2 hole flange cable using RG402 type .141 coax, part number FMCA2824, from Fairview Microwave is in-stock and ships same day. This Fairview BMA to BMA cable assembly has a jack to jack gender configuration with 50 ohm semi-rigid FM-SR141CU-STR coax. Fairview Microwave's semi-rigid RF cable assemblies are ideal for high performance applications and can be formed, using proper tooling, to the routing pattern required. The FMCA2824 BMA jack to BMA jack cable assembly operates to 12.4 GHz. The right angle BMA interfaces on the FM-SR141CU-STR cable allow for easier connections in tight spaces. Our RF cable assembly with BMA 2 hole flange interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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		12.4	GHz
VSWR			1.5:1	
Velocity of Propagation		69.5		%
Dielectric Withstanding Voltage (AC)			1,000	Vrms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	1	2.5	5	12.4		GHz
Insertion Loss (Typ.)	0.12	0.175	0.266	0.51		dB/ft
	0.39	0.57	0.87	1.67		dB/m

Electrical Specification Notes:

Insertion Loss does not include the loss of the connectors. Insertion Loss is estimated as 0.2 dB per connector.

Mechanical Specifications

Cable Assembly

Weight 0.07 lbs [31.75 g]

Cable

Cable Type FM-SR141CU-STR
 Impedance 50 Ohms
 Inner Conductor Type Solid
 Inner Conductor Material and Plating Copper Clad Steel, Silver
 Dielectric Type PTFE
 Number of Shields 1



Configuration:

- Slide-OnBMA Jack Right Angle 2 Hole Flange
- Slide-OnBMA Jack Right Angle 2 Hole Flange
- FM-SR141CU-STR

Features:

- Max Frequency 12.4 GHz
- 69.5% Phase Velocity
- 1000 Mating Cycles

Applications:

- General Purpose
- Laboratory Use

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Slide-On RA BMA Jack 2 Hole Flange to RA Slide-On BMA Jack 2 Hole Flange Cable RG402 Type .141 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.

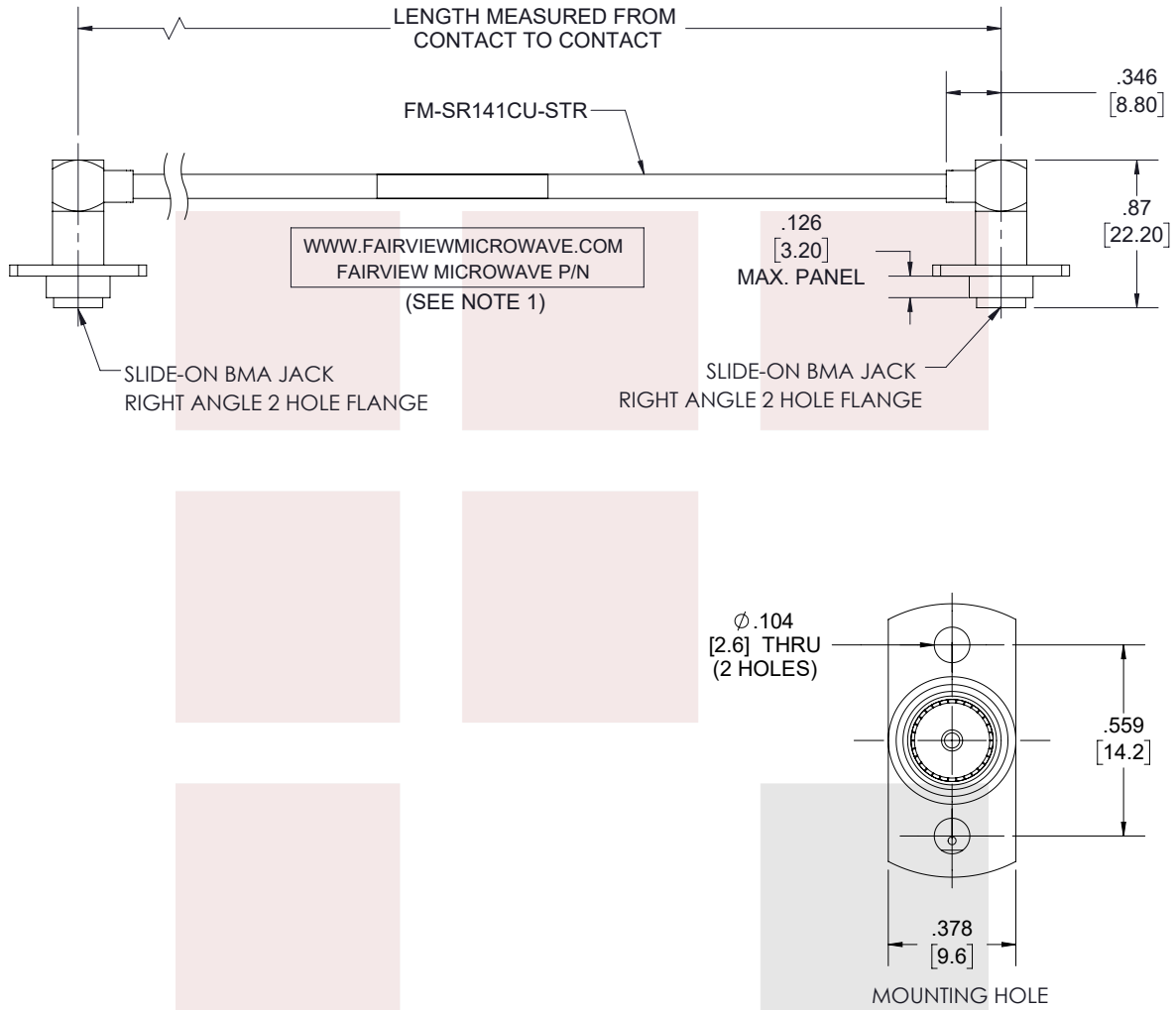
Click the following link to obtain additional part information: [Slide-On RA BMA Jack 2 Hole Flange to RA Slide-On BMA Jack 2 Hole Flange Cable RG402 Type .141 Coax FMCA2824](#)

URL: <https://www.fairviewmicrowave.com/slide-on-ra-bma-jack-2-hole-flange-to-ra-slide-on-bma-jack-2-hole-flange-cable-rg402-type-.141-coax-fmca2824-p.aspx>

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	07/16/2022	AGANWANI



NOTES:

1. CABLES 36" AND UNDER HAVE 1 LABEL CENTERED.
CABLES OVER 36" HAVE 2 LABELS, ONE AT EACH END
6.0" FROM THE FRONT OF THE CONNECTOR.

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<p>Fairview Microwave an INFINIT[®] brand</p>	<p>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS</p> <p>TOLERANCES: CABLE LENGTH (L) TOLERANCES:</p> <p>L ≤ 12 [305] = +1 [25] / -0 12 [305] < L ≤ 60 [1524] = +2 [51] / -0 60 [1524] < L ≤ 120 [3048] = +4 [102] / -0 120 [3048] < L ≤ 300 [7620] = +6 [152] / -0 300 [7620] < L = +5%L / -0</p> <p>.X = ±.2 [5.08] FRACTIONS ± 1/32 .XX = ±.02 [.51] ± 1/32 .XXX = ±.005 [.13] ANGLES ± 1°</p>	<p>THIRD-ANGLE PROJECTION</p> <p>THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF FAIRVIEW MICROWAVE CORPORATION. ALL RIGHTS RESERVED.</p>		
	<p>TITLE</p> <p>Slide-On RA BMA Jack 2 Hole Flange to RA Slide-On BMA Jack 2 Hole Flange Cable RG402 Type .141 Coax</p>	<p>ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.</p> <p>SCALE: N/A</p>	<p>SHEET 1 OF 1</p>	
<p>SIZE A</p>	<p>CAGE CODE 3FKR5</p>	<p>DRAWN BY PSRINIVAS</p>	<p>ITEM NO. FMCA2824</p>	<p>REV A</p>

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