

FMCA2833-12 DATA SHEET

3.5mm Male to 3.5mm Female Bulkhead Cable Tinned Aluminum RG402 Type .141 Coax in 12 Inch

The 3.5mm male to 3.5mm female bulkhead cable using Tinned Aluminum RG402 type .141 coax, part number FMCA2833-12, from Fairview Microwave is in-stock and ships same day. This Fairview 3.5mm to 3.5mm cable assembly has a male to female gender configuration with 50 ohm semi-rigid FM-SR141ALTN-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. Our RF cable assembly with 3.5mm bulkhead 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.



Configuration:

- 3.5mm Male
- 3.5mm Female Bulkhead
- FM-SR141ALTN-STR

Applications:

- General Purpose
- Laboratory Use

Mechanical Specifications

Cable Assembly

Length* Weight

Cable

Cable Type Impedance

Inner Conductor Type

Inner Conductor Material and Plating

Dielectric Type Number of Shields Shield Layer 1

Jacket Diameter

12 in [304.8 mm] 0.048 lbs [21.77 g]

FM-SR141ALTN-STR

50 Ohms Solid

Copper Clad Steel, Silver

PTFE

1

Tinned Aluminum 0.141 in [3.58 mm]

One Time Minimum Bend Radius 0.1 in [2.54 mm]

Connectors

Description	Connector 1	Connector 2
Туре	3.5mm Male	3.5mm Female
Mount Method		Bulkhead
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	Gold
Contact Plating Spec.	50μ in. minimum	
Dielectric Type	PCTFE	PTFE
Body Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel
Body Plating Spec.	SAE-AMS-2700	
Coupling Nut Material & Plating	Passivated Stainless Steel	
Coupling Nut Plating Spec.	SAE-AMS-2700	
Hex Size	5/16 in.	
Torque	8 in-lbs 0.9 Nm	

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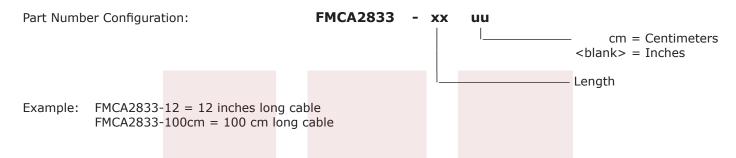
Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

· Values at 25°C, sea level.

How to Order



3.5mm Male to 3.5mm Female Bulkhead Cable Tinned Aluminum RG402 Type .141 Coax in 12 Inch 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: 3.5mm Male to 3.5mm Female Bulkhead Cable Tinned Aluminum RG402 Type .141 Coax in 12 Inch FMCA2833-12

URL: https://www.fairviewmicrowave.com/3.5mm-male-to-3.5mm-female-bulkhead-cable-tinned-aluminum-rg402-type-.141-coax-fmca2833-12-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.

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REV 1.0 Page 2 of 3





