

FMCA2877-50CM DATA SHEET

3.5mm Male to 3.5mm Female Bulkhead Cable Tinned Copper RG402 Type .141 Coax in 50 CM

The 3.5mm male to 3.5mm female bulkhead cable using Tinned Copper RG402 type .141 coax, part number FMCA2877-50CM, from Fairview Microwave is instock 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-SR141CUTN-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.

Electrical Specifications

Description	Min	Тур	Max	Units
Velocity of Propagation		69.5		%

Mechanical Specifications

Cable Assembly

Length* 19.68 in [499.87 mm] Weight 0.025 lbs [11.34 g]

Cable

Cable Type
Impedance
Inner Conductor Type
Inner Conductor Material and Plating
Dielectric Type
Outer Conductor Material and Plating

One Time Minimum Bend Radius

FM-SR141CUTN-STR 50 Ohms Solid

Copper Clad Steel, Silver PTFE

Tinned Copper

1 in [25.4 mm]



Configuration:

- 3.5mm Male
- 3.5mm Female Bulkhead
- FM-SR141CUTN-STR

Features:

• 69.5% Phase Velocity

Applications:

- General Purpose
- Laboratory Use

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Connectors

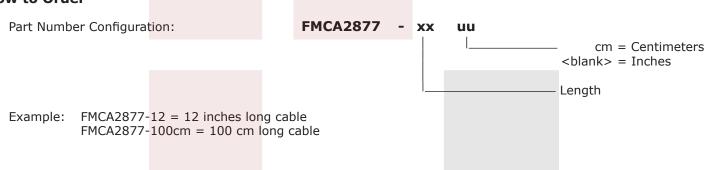
Description	Connector 1	Connector 2		
Туре	3.5mm Male	3.5mm Female		
Mount Method	Bulkhead			
Impedance	50 Ohms	50 Ohms		
Mating Cycles	500			
Contact Material & Plating	Beryllium Copper, Gold over Nickel Gold			
Contact Plating Spec.	50 µin minimum			
Dielectric Type	PCTFE	PTFE		
Body Material & Plating	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 inch			
Torque	8 in-lbs 0.9 Nm			

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

How to Order



3.5mm Male to 3.5mm Female Bulkhead Cable Tinned Copper RG402 Type .141 Coax in 50 CM 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 Copper RG402 Type .141 Coax in 50 CM FMCA2877-50CM

URL: https://www.fairviewmicrowave.com/3.5mm-male-to-3.5mm-female-bulkhead-cable-tinned-copper-rg402-type-.141-coax-fmca2877-50cm-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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