

### 3.5mm Male to 3.5mm Female Bulkhead Cable Tinned Copper RG402 Type .141 Coax in 48 Inch

The 3.5mm male to 3.5mm female bulkhead cable using Tinned Copper RG402 type .141 coax, part number FMCA2877-48, 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-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	Typ	Max	Units
Velocity of Propagation		69.5		%

#### Mechanical Specifications

##### Cable Assembly

Length*	48 in [121.92 cm]
Weight	0.025 lbs [11.34 g]

##### Cable

Cable Type	FM-SR141CUTN-STR
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Outer Conductor Material and Plating	Tinned Copper

One Time Minimum Bend Radius	1 in [25.4 mm]
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#### 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
Type	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**

Part Number Configuration:

**FMCA2877 - xx uu**

cm = Centimeters  
<blank> = Inches  
Length

Example: FMCA2877-12 = 12 inches long cable  
FMCA2877-100cm = 100 cm long cable

3.5mm Male to 3.5mm Female Bulkhead Cable Tinned Copper RG402 Type .141 Coax in 48 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 Copper RG402 Type .141 Coax in 48 Inch FMCA2877-48](#)

URL: <https://www.fairviewmicrowave.com/3.5mm-male-to-3.5mm-female-bulkhead-cable-tinned-copper-rg402-type-.141-coax-fmca2877-48-p.aspx>

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