

## 2.92mm Male to 2.92mm Male Cable FM-SR086TB Coax with LF Solder

The precision 2.92mm male to 2.92mm male cable using FM-SR086TB coax, part number FMCA1051, from Fairview Microwave is in-stock and ships same day. This Fairview 2.92mm to 2.92mm cable assembly has a male to male gender configuration with flexible FM-SR086TB coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The FMCA1051 2.92mm male to 2.92mm male cable assembly operates to 40 GHz.

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		40	GHz
VSWR			1.4:1	
Velocity of Propagation		70		%
RF Shielding	110			dB
Capacitance		29.4 [96.46]		pF/ft [pF/m]

#### Electrical Specification Notes:

Insertion Loss does not include the loss of the connectors. Insertion Loss is estimated as .05dB x SQRT( Frequency GHz) per connector.

### Mechanical Specifications

#### Cable Assembly

Length\* 0 in [0 mm]  
 Weight 0.12 lbs [54.43 g]

#### Cable

Cable Type FM-SR086TB

### Connectors

Description	Connector 1	Connector 2
Type	2.92mm Male	2.92mm Male
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Dielectric Type	PTFE	PTFE
Body Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel
Coupling Nut Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel



### Configuration:

- 2.92mm Male
- 2.92mm Male
- FM-SR086TB

### Features:

- Max Frequency 40 GHz
- Shielding Effectivity > 110 dB
- 70% Phase Velocity

### Applications:

- General Purpose
- Laboratory Use

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**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Notes:

**How to Order**

Part Number Configuration:

**FMCA1051 - xx uu**

cm = Centimeters  
<blank> = Inches

Length

Example: FMCA1051-12 = 12 inches long cable  
FMCA1051-100cm = 100 cm long cable

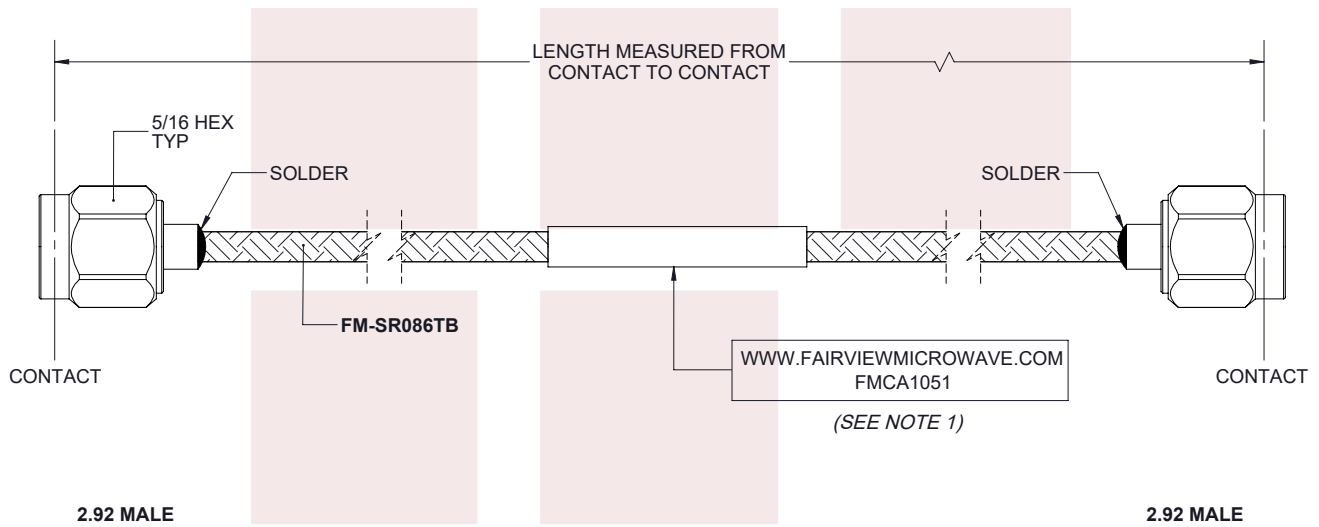
2.92mm Male to 2.92mm Male Cable FM-SR086TB Coax with LF Solder from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [2.92mm Male to 2.92mm Male Cable FM-SR086TB Coax with LF Solder FMCA1051](#)

URL: <https://www.fairviewmicrowave.com/2.92mm-male-2.92mm-male-cable-fm-sr086tb-coax-fmca1051-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.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PCR FMCA1051	7/6/2020	S.ELLIS



NOTES:

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

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<p><b>Fairview Microwave</b> an INFINIT<sup>®</sup> brand</p>	<p>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS</p>		<p>THIRD-ANGLE PROJECTION</p>	
	<p>TOLERANCES:</p> <p>.X = ±.2 [ .51]    FRACTIONS ± 1/32 .XX = ±.02 [ .51]    ANGLES ± 1° .XXX = ±.005 [ .13]</p>		<p>CABLE LENGTH (L) TOLERANCES:</p> <p>L ≤ 12 [305] = +1 [25] / -0 12 [305] &lt; L ≤ 60 [1524] = +2 [51] / -0 60 [1524] &lt; L ≤ 120 [3048] = +4 [102] / -0 120 [3048] &lt; L ≤ 300 [7620] = +6 [152] / -0 300 [7620] &lt; L = +5%L / -0</p>	
<p>TITLE</p> <p>2.92mm Male to 2.92mm Male Cable FM-SR086TB Coax with LF Solder</p>			<p>SHEET 1 OF 1</p>	
<p>ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.</p>			<p>SCALE N/A</p>	
SIZE A	CAGE CODE 3FKR5	DRAWN BY K.DANG	ITEM NO. FMCA1051	REV A

T-Rev.D