

1.85mm Male to 2.4mm Female Cable FM-SR086TB Coax



FMCA100329

Configuration

· Connector 1: 1.85mm Male · Connector 2: 2.4mm Female · Cable Type: FM-SR086TB · Coax Flex Type: Formable

Features

· 69.5% Phase Velocity

Applications

· General Purpose

· Laboratory Use

Description

The 1.85mm male to 2.4mm female cable using FM-SR086TB coax, part number FMCA100329, from Fairview Microwave is in-stock and ships same day. This Fairview 1.85mm to 2.4mm cable assembly has a male to female gender configuration with 50 ohm formable FM-SR086TB coax. Fairview Microwave's formable RF cable assemblies provide an alternative to costly pre-formed semi-rigid assemblies since they are hand formable.

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	Minimum	Typical	Maximum	Units
Velocity of Propagation		69.5		%
Capacitance		29 [95.14]		pF/ft [pF/m]
DC Resistance Inner Conductor		65.7 [215.55]		Ohms/1000ft [Ohms/Km]
DC Resistance Outer Conductor		10.2 [33.46]		Ohms/1000ft [Ohms/Km]

Mechanical Specifications

Cable Assembly

Width/Diameter 0.5 in [12.7 mm] Weight 0.04 lbs [18.14 g]

Cable

Cable Type FM-SR086TB Impedance 50 Ohms Inner Conductor Type

Inner Conductor Material and Plating Copper Clad Steel, Silver

Dielectric Type **PTFE** Number of Shields Copper, Tin

Outer Conductor 1 Material and Plating



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Repeated Minimum Bend Radius

0.78 in [19.81 mm]

Connectors

Description	Connector 1	Connector 2	
Туре	1.85mm Male	2.4mm Female	
Impedance	50 Ohms	50 Ohms	
Configuration	Straight	Straight	
Mating Cycles	500		
Contact Material and Plating	Beryllium Copper, Gold over Nickel	Beryllium Copper, Gold over Nickel	
Contact Plating Specification	50 μin minimum	50 μin minimum	
Dielectric Type	PEI	PEI	
Body Material and Plating	Beryllium Copper, Gold over Nickel	Passivated Stainless Steel	
Body Plating Specification	50 μin minimum	SAE-AMS-2700	
Coupling Nut Material and Plating	Passivated Stainless Steel		
Coupling Nut Plating Specification	ASTM-A582		
Hex Size	5/16 inch		
Torque	8 in-lbs 0.9 Nm		

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:



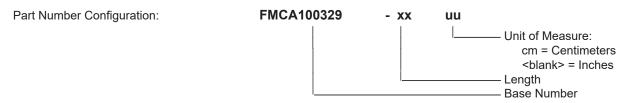
1.85mm Male to 2.4mm Female Cable FM-SR086TB Coax



FMCA100329

Typical Performance Data

How to Order



Example: FMCA100329-12 = 12 inches long cable FMCA100329-100cm = 100 cm long cable

1.85mm Male to 2.4mm Female Cable FM-SR086TB Coax from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: 1.85mm Male to 2.4mm Female Cable FM-SR086TB Coax FMCA100329

URL: https://www.fairviewmicrowave.com/1.85mm-male-to-2.4mm-female-cable-fm-sr086tb-coax-fmca100329-p.aspx

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