

C Male Connector Crimp/Solder Attachment For RG214, RG9, RG225, RG393 Cable

Type C male connector with crimp/solder attachment for RG214, RG9, RG225 and RG393, part number FMCN1373, from Fairview Microwave is in-stock and ships same day.

Fairview's type C male connector FMCN1373 datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. From providing an I/O for a board design to creating a custom cable assembly configuration, Fairview Microwave has a connector solution to meet your needs. Fairview Microwave also has the expertise to build your custom cable assemblies for you and ship them same-day.

Mechanical Specifications

Size	
Length	1.5 in [38.1 mm]
Width/Dia.	0.75 in [19.05 mm]
Weight	0.066 lbs [29.94 g]

Material Specifications

Description	Material	Plating
Contact		Silver QQ-S-365
Insulation	PTFE	
Body	Brass	Nickel QQ-N-290
Coupling Nut	Brass	Nickel QQ-N-290

Environmental Specifications

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

Plotted and Other Data

Notes:



Configuration:

- C Male Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- RG214, RG9, RG225, RG393 Interface Type
- Crimp/Solder Attachment

Features:

- Silver Plated Contact
- Contact plating according to QQ-S-365

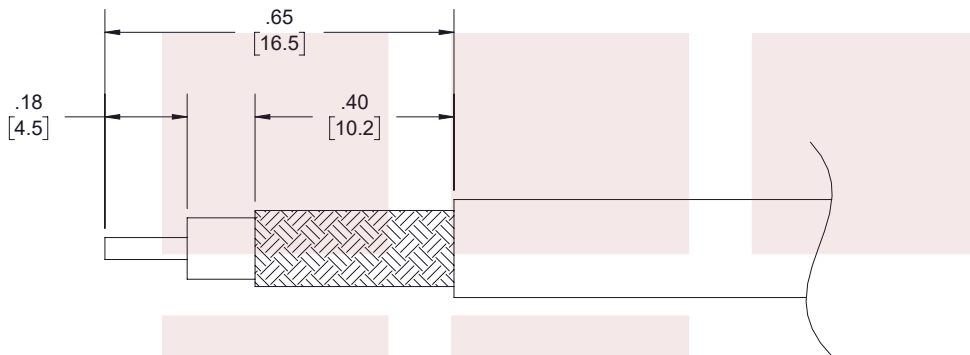
Applications:

- General Purpose Test
- Custom Cable Assemblies

Fairview Microwave
301 Leora Ln., Suite 100
Lewisville, TX 75056
Tel: 1-800-715-4396 / (972) 649-6678
Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

Assembly Instruction

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ASSEMBLY PROCEDURES

1. STRIP CABLE TO THE DIMENSIONS SHOWN, DO NOT NICK CENTER CONDUCTOR OR BRAID.
2. PUSH CENTER CONDUCTOR FULLY INTO CONTACT AND SOLDER, REMOVE ANY EXCESS SOLDER.
3. FLARE BRAID AND INSERT CONTACT INTO THE BODY UNTIL IT SEATS.
4. SLIDE FERRULE OVER BRAID AND CRIMP WITH CRIMP TOOL.

CRIMP SIZE REQUIRED

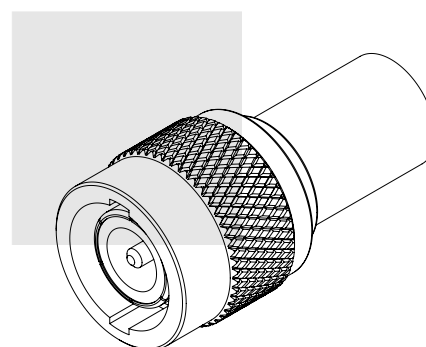
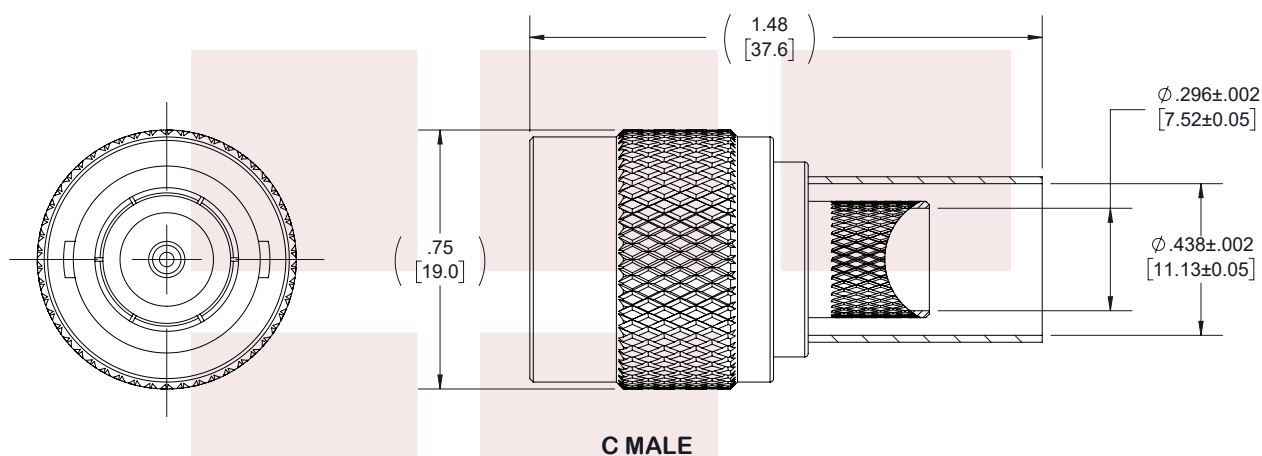
- CONTACT: SOLDER.
- FERRULE: .429 HEX CRIMP TOOL.

C Male Connector Crimp/Solder Attachment For RG214, RG9, RG225, RG393 Cable 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 Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [C Male Connector Crimp/Solder Attachment For RG214, RG9, RG225, RG393 Cable FMCN1373](https://www.fairviewmicrowave.com/c-male-rg214-rg9-rg225-rg393-connector-fmcn1373-p.aspx)

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STANDARD TOLERANCES

.X ±0.2
.XX ±0.01
.XXX ±0.005

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES

FAIRVIEW MICROWAVE INC.

ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM

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TITLE

C Male Connector Crimp/Solder Attachment For
RG214, RG9, RG225, RG393 Cable

DWG NO

FMCN1373

CAGE CODE

3FKR5

CAD FILE

110917

SHEET

1 OF 1

SCALE

N/A

SIZE

A 7361

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Environmental Specifications

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

Plotted and Other Data

Notes:



Configuration:

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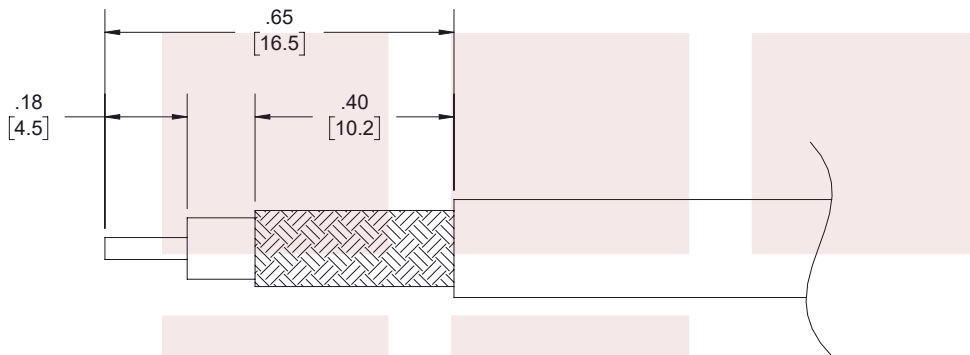
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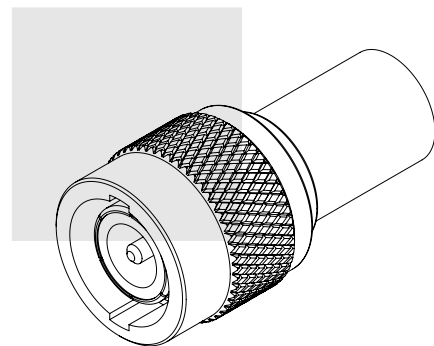
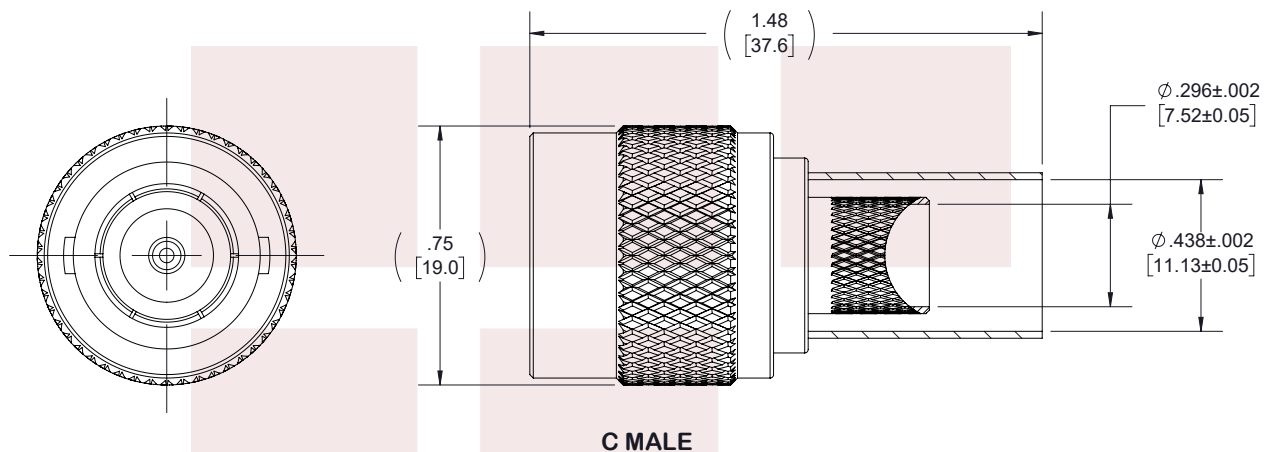
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RG214, RG9, RG225, RG393 Cable

DWG NO

FMCN1373

CAGE CODE

3FKR5

CAD FILE

110917

SHEET

1 OF 1

SCALE

N/A

SIZE

A 7361

RG214 Flexible Coax Cable Black PVC Jacket

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		11	GHz
Impedance		50		Ohms
Velocity of Propagation		66		%
Operating Voltage (AC)			5,000	Vrms
Nominal Capacitance		30.94		pF/ft
		[101.51]		[pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.01	0.1	1	5	10	GHz
Attenuation, Typ	0.637	2.073	7.686	20.689	36.52	dB/100ft
	2.09	6.8	25.22	67.88	119.82	dB/100m

Mechanical Specifications

Diameter	0.425 in 10.8 mm
Weight	0.1225 lbs/ft [0.18 Kg/m]
Min. Bend Radius (Installation)	2.165 in [54.99 mm]
Min. Bend Radius (Repeated)	3.228 in [81.99 mm]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, Silver, 7 Strands	0.089 in [2.26 mm]
Conductor Type	Solid	
Dielectric	PE	0.285 in [7.24 mm]
First Shield	Silver Plated Copper Braid	[]
Second Shield	Silver Plated Copper Braid	0.331 in [8.41 mm]
Jacket	PVC, Black	0.425 in [10.8 mm]

Environmental Specifications

Temperature	
Operating Range	-25 to +70 deg C

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

Plotted and Other Data

Notes:



Configuration:

- Flexible Cable
- 2 Shield(s)

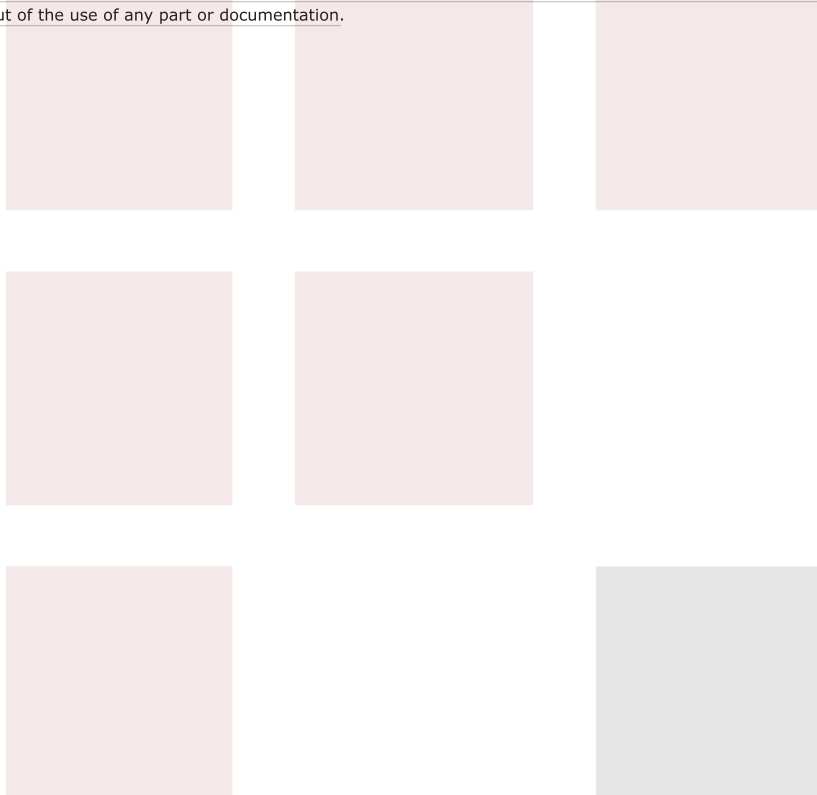
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RG214 Flexible Coax Cable Black PVC Jacket from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

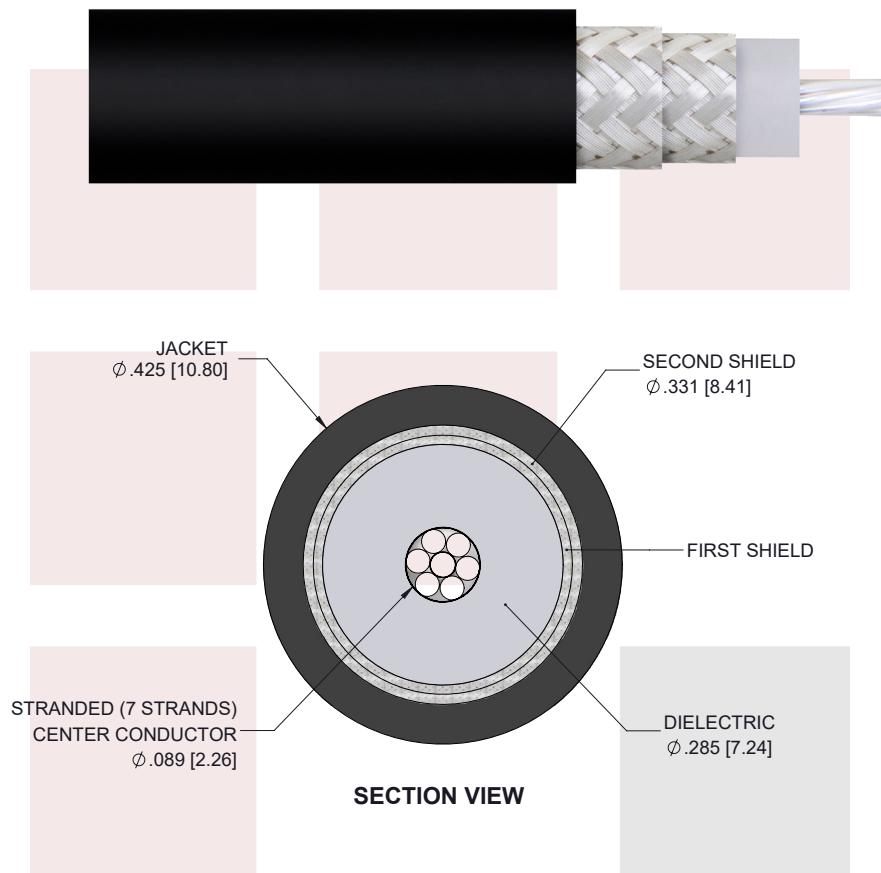
Click the following link to obtain additional part information: [RG214 Flexible Coax Cable Black PVC Jacket RG214](#)

URL: <https://www.fairviewmicrowave.com/rg214-flexible-coax-cable-pvc-jacket-rg214-p.aspx>

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	9/13/2021	A. GANWANI



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TITLE				SHEET 1 OF 2	
RG214 Flexible Coax Cable Black PVC Jacket		ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.		SCALE N/A	
SIZE A	CAGE CODE 3FKR5	DRAWN BY K.Dang	ITEM NO. RG214	REV A	

TITLE

RG214 Flexible Coax Cable Black PVC Jacket

T-Rev.D