

7/16 DIN Female Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400 Cable

7/16 DIN female connector with crimp/solder attachment for RG55, RG142, RG223 and RG400, part number FMCN1749, from Fairview Microwave is in-stock and ships same day. This 7/16 DIN female connector operates up to a maximum frequency of 7.5 GHz.

Fairview's 7/16 DIN female connector FMCN1749 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.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		7.5	GHz
Operating Voltage (AC)			2,700	Vrms
DWV (AC)			4,000	Vrms
Insulation Resistance	10,000			MOhms

Mechanical Specifications

Size	
Length	1.75 in [44.45 mm]
Width/Dia.	1.14 in [28.96 mm]
Height	1.14 in [28.96 mm]
Weight	0.184 lbs [83.46 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Silver QQ-C-530
Insulation	Teflon	
Body	Brass	Nickel QQ-N-290

Environmental Specifications

Temperature

Operating Range -65 to +125 deg C

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

Plotted and Other Data

Notes:



Configuration:

- 7/16 DIN Female Connector
- MIL-C-39012
- 50 Ohms
- Straight Body Geometry
- RG55, RG142, RG223, RG400 Interface Type
- Crimp/Solder Attachment

Features:

- Operating Frequency of 7.5 GHz Max.
- Silver Plated Beryllium Copper Contact
- Contact plating according to QQ-C-530

Applications:

- General Purpose Test
- Custom Cable Assemblies

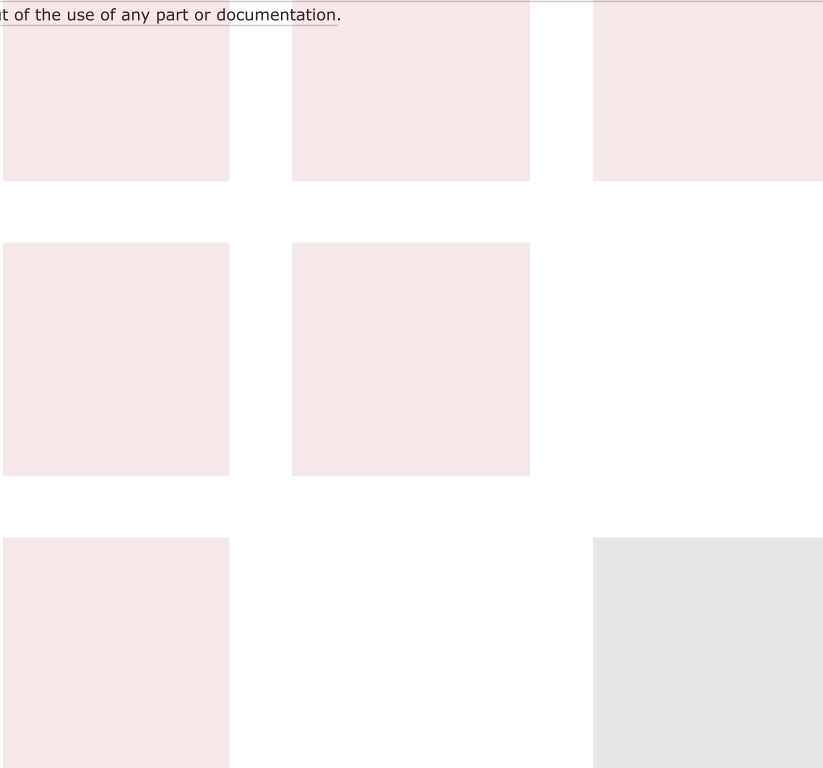
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7/16 DIN Female Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400 Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

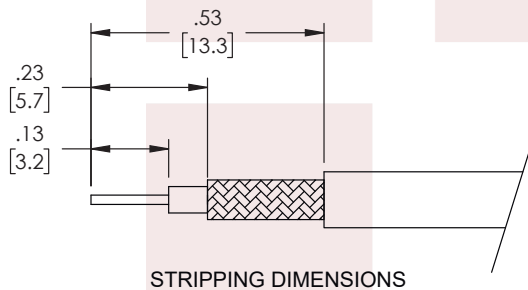
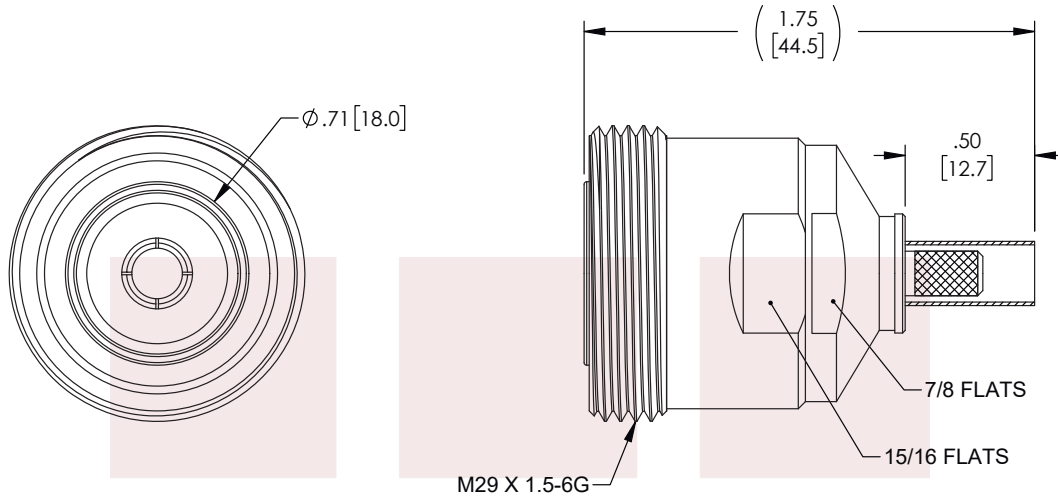
For additional information on this product, please click the following link: [7/16 DIN Female Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400 Cable FMCN1749](#)

URL: <https://www.fairviewmicrowave.com/7-16-din-female-rg55-rg142-rg223-rg400-connector-fmcn1749-p.aspx>

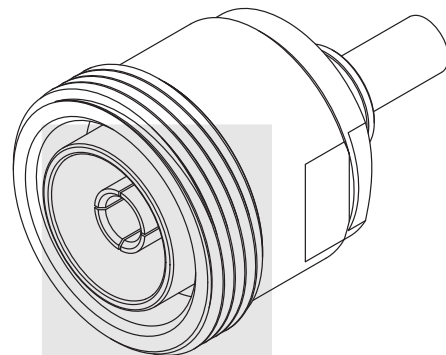
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	09/22/2021	SRAUTUS



- NOTES:
- CABLE ATTACHMENT:
• OUTER: CRIMP.
• INNER: SOLDER.
 - CRIMP SIZE REQUIRED:
• FERRULE: .213 [5.4] HEX CRIMP TOOL.
• CONTACT: SOLDER.



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