

RF PCB Connector, 75 Ohm F Female Right Angle Bulkhead Mount Connector Solder Attachment Surface Mount PCB, IP67 Rated

75 Ohm RA type F female bulkhead connector with solder attachment for surface mount PCB, part number FMCN44262, from Fairview Microwave is in-stock and ships same day. This type F female connector operates up to a maximum frequency of 2.15 GHz and offers good VSWR of 1.93:1. Its right angle body geometry facilitates connections in tight spaces. Fairview's FMCN44262 bulkhead type F connector enables designers to make external connections on product enclosures, and can be used in a variety of other rack mount and panel mount applications. Our FMCN44262 connector has an IP67 rating to protect against dust and temporary moisture protection under immersion conditions.

Fairview's 75 ohm type F female bulkhead connector FMCN44262 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		2.15	GHz
VSWR			1.93:1	
Insertion Loss			0.46	dB

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Freq. Range	DC to 1	1 to 2.15				GHz
VSWR, Max	1.43:1	1.93:1				
Insertion Loss, Max	0.2	0.46				dB

Mechanical Specifications

Size

Length	1.3 in [33.02 mm]
Width/Dia.	0.55 in [13.97 mm]
Height	0.61 in [15.49 mm]
Weight	0.035 lbs [15.88 g]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Tin
Insulation	PTFE	
Body	Zinc	Tin



Configuration:

- F Female Connector
- 75 Ohms
- Right Angle Body Geometry
- Surface Mount Interface Type
- Solder Attachment
- Bulkhead

Features:

- Operating Frequency of 2.15 GHz Max.
- Good VSWR of 1.93:1
- Tin Plated Beryllium Copper Contact
- IP67 Rated (Unmated)

Applications:

- General Purpose Test
- Rack and Panel Mount Applications
- PCB Applications
- CATV

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Environmental Specifications

Temperature

Operating Range -65 to +165 deg C
Ingress Protection (IP) Rating IP67 Rated (Unmated)

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

Plotted and Other Data

Notes:

RF PCB Connector, 75 Ohm F Female Right Angle Bulkhead Mount Connector Solder Attachment Surface Mount PCB, IP67 Rated 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: [RF PCB Connector, 75 Ohm F Female Right Angle Bulkhead Mount Connector Solder Attachment Surface Mount PCB, IP67 Rated FMCN44262](#)

URL: <https://www.fairviewmicrowave.com/f-female-surface-mount-pcb-connector-fmcn44262-p.aspx>

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