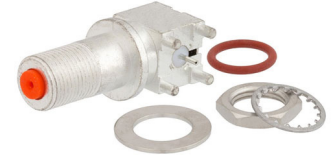


75 Ohm F Female Right Angle Bulkhead Mount Connector
Solder Attachment Surface Mount PCB, IP67 Rated



RFPCB-F-FR-2G-88

Configuration

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

Features

- Max. Operating Frequency 2.15 GHz
- 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

Description

RFPCB-F-FR-2G-88 F Female right angle PCB connector available from L-com has a 75 Ohm impedance. This RF connector has a Surface Mount connector mount interface and is designed for a wide variety of Printed-Circuit Board (PCB) applications in RF and microwave systems. This F Female connector uses solder as an attachment method. Our Female F PCB connector provides a maximum frequency of 2.1 GHz. The F connector is available in a 1.30-inch length and 0.55-inch width.

The L-com F Female PCB connector has a PTFE dielectric type and a VSWR of 1.93:1. This F PCB connector has a Beryllium Copper body with Tin plating. Our RFPCB-F-FR-2G-88 F connector has a zinc contact with tin plating.

This L-com F Female connector will ship the same day as purchased. Our F Female connector is part of over 40,000 RF, microwave, and millimeter wave components in stock for worldwide shipment. We also build F custom connector cable assemblies that will ship the same day as well.

The F Female connector with 75 Ohm impedance has a weight of 0.035 lbs. This threaded RF connector has a high quality construction. The Female coaxial connector is capable of operating at temperatures ranging from -65 deg C to 165 deg C. We currently have a variety of antenna, audio/video, Ethernet, fiber optic, and USB connectors in our portfolio that are ready to ship today. For further information on similar products, our expert technical support and knowledgeable sales team can help you get the high-quality RF that meets your requirements.

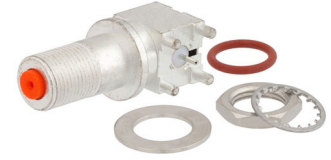
Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		2.15	GHz
VSWR			1.93:1	
Insertion Loss			0.46	dB

Performance by Frequency

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[75 Ohm F Female Right Angle Bulkhead Mount Connector Solder Attachment Surface Mount PCB, IP67 Rated RFPCB-F-FR-2G-88](#)

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



RFPCB-F-FR-2G-88

Description	F1	F2	F3	F4	F5	Units
Frequency 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	1.3in	[33.02mm]
Width/Dia.	0.55in	[13.97mm]
Height	0.61in	[15.49mm]
Weight	0.035lbs	[15.88g]
Mating Cycles	500Cycles	

Material Specifications

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

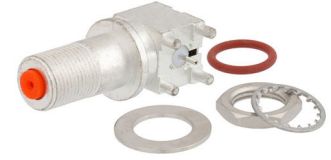
Environmental Specifications

Temperature

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

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[75 Ohm F Female Right Angle Bulkhead Mount Connector Solder Attachment Surface Mount PCB, IP67 Rated RFPCB-F-FR-2G-88](#)

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



RFPCB-F-FR-2G-88

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

Plotted and Other Data

75 Ohm F Female Right Angle Bulkhead Mount Connector Solder Attachment Surface Mount PCB, IP67 Rated from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components. Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 75 Ohm F Female Right Angle Bulkhead Mount Connector Solder Attachment Surface Mount PCB, IP67 Rated RFPCB-F-FR-2G-88

URL: <https://www.l-com.com/75-ohm-f-female-right-angle-bulkhead-mount-connector-solder-attachment-surface-mount-pcb-ip67-rated-rfpcb-f-fr-2g-88-p.aspx>

The information contained within 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. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document. The information contained within 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. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

L-com CAD Drawing

