

## QMA Female (Jack) Bulkhead Connector Crimp Attachment For RG58CU, LMR-195, .268 inch D Hole, IP67 Mated



### FMCN5370

#### Configuration

- QMA Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG58CU, LMR-195
- Bulkhead

#### Features

- Operating Frequency of 6 GHz Max.
- Copper-Tin-Zinc Alloy Plated Beryllium Copper Contact
- IP67 Mated

#### Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

#### Description

QMA Female Bulkhead Mount Connector Crimp Attachment for RG58CU and LMR-195 Cable, part number FMCN5370, from Fairview Microwave is in-stock and ships same day. This QMA female connector operates up to a maximum frequency of 6 GHz. Fairview's FMCN5370 bulkhead QMA 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 FMCN5370 connector has an IP67 rating to protect against dust and temporary moisture protection under immersion conditions.

Fairview's QMA female bulkhead connector FMCN5370 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	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR		1.2:1		
Dielectric Withstanding Voltage (AC)			1,000	Vrms
High Potential Voltage			480	Vrms
Inner Conductor DC Resistance			3	mOhms
Outer Conductor DC Resistance			2.5	mOhms
Insulation Resistance	5,000			MOhms
RF Leakage	80			dB
Impedance		50		Ohms

Electrical Specification Notes:  
Insertion loss is equal to  $0.05 \times \text{SQRT } F(\text{GHz}) \text{ dB}$

#### Mechanical Specifications

##### Size

Length 0.98 in [24.89 mm]  
Width 0.433 in [11 mm]

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Height	0.433 in [11 mm]
Weight	0.013 lbs [5.9 g]
Mating Cycles	100 Cycles
Cable Retention Force	13.5 lbs [6.12 kg]
Engagement Force	5.6lbs [2.54kg]
Disengagement Force	4.5lbs [2.04kg]

### Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Copper-Tin-Zinc Alloy
Insulation	PTFE	
Body	Brass	Copper-Tin-Zinc Alloy
Gasket	Silicone	
Crimp Sleeve	Copper	Copper-Tin-Zinc Alloy

### Environmental Specifications

<b>Temperature</b>	
Operating Range	-40 to +85 deg C
Ingress Protection (IP) Rating	IP67 Mated
Thermal Shock	IEC 60169-1 16.4 (-40°C to +85°C)

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

### Plotted and Other Data

Notes:

QMA Female (Jack) Bulkhead Connector Crimp Attachment For RG58CU, LMR-195, .268 inch D Hole, IP67 Mated 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: [QMA Female \(Jack\) Bulkhead Connector Crimp Attachment For RG58CU, LMR-195, .268 inch D Hole, IP67 Mated FMCN5370](#)

URL: <https://www.fairviewmicrowave.com/product/rf-connectors/qma-female-rg58cu-lmr-195-connector-fmcn5370.html>

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