

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



### **FMCN5354**

#### Configuration

- · SMA Female Connector
- MIL-STD-348B
- 50 Ohms

#### **Features**

- · Operating Frequency of 6 GHz Max.
- Gold over Nickel over Copper Plated Beryllium Copper Contact
- Straight Body Geometry
- · Connector Interface Types: RG58CU, LMR-195
- Bulkhead

### **Applications**

- · General Purpose Test
- · Rack and Panel Mount Applications

- · IP67 Mated
- · Custom Cable Assemblies

#### **Description**

SMA Female Bulkhead Mount Connector Crimp Attachment for RG58CU and LMR-195 Cable IP67 Mated Mated, part number FMCN5354, from Fairview Microwave is in-stock and ships same day. This SMA female connector operates up to a maximum frequency of 6 GHz. Fairview's FMCN5354 bulkhead SMA 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 FMCN5354 connector has an IP67 rating to protect against dust and temporary moisture protection under immersion conditions.

Fairview's SMA female bulkhead connector FMCN5354 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		1.25:1		
Dielectric Withstanding Voltage (AC)			1,000	Vrms
High Potential Voltage			335	Vrms
Inner Conductor DC Resistance			3	mOhms
Outer Conductor DC Resistance			2	mOhms
Insulation Resistance	5,000			MOhms
Impedance		50		Ohms

**Electrical Specification Notes:** 

Insertion loss is equal to 0.04 x SQRT F(GHz) dB

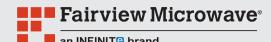
#### **Mechanical Specifications**

Size

 Length
 0.823 in [20.9 mm]

 Width
 0.433 in [11 mm]

 Height
 0.433 in [11 mm]



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#### **FMCN5354**

Weight
Mating Cycles
Mating Torque
Cable Retention Force

0.011 lbs [4.99 g] 100 Cycles 4 to 5.3 in-lbs [[0.45 to 0.60 Nm]] 6.1 lbs [2.77 kg]

#### **Material Specifications**

Description	Material	Plating	
Contact	Beryllium Copper	Gold over Nickel over Copper	
Insulation	PTFE		
Body	Brass	Gold over Nickel over Copper	
Gasket	Silicone		
Crimp Sleeve	Copper	Gold over Nickel over Copper	

#### **Environmental Specifications**

**Temperature** 

Operating Range Ingress Protection (IP) Rating Humidity Thermal Shock

IP67 Mated
MIL-STD-202, Method 106

-65 to +165 deg C

MIL-STD-202, Method 107, Condition B

Compliance Certifications (see product page for current document)

#### **Plotted and Other Data**

Notes:

SMA 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: SMA Female (Jack) Bulkhead Connector Crimp Attachment For RG58CU, LMR-195, .268 inch D Hole, IP67 Mated FMCN5354

URL: https://www.fairviewmicrowave.com/product/rf-connectors/sma-female-rg58cu-lmr-195-connector-fmcn5354.html

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