

SSMC Jack Bulkhead Connector Turret Terminal, Solder, Gold Plated Beryllium Copper Body, Length 0.51 In

SSMC Jack Bulkhead Standard Bulkhead Connector Solder Attachment for Turret Cable, part number FMCN1275, from Fairview Microwave is in-stock and ships same day. This SSMC jack connector operates up to a maximum frequency of 12.4 GHz. Fairview's FMCN1275 bulkhead SSMC 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.

Fairview's SSMC jack bulkhead connector FMCN1275 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		12.4	GHz
Insertion Loss			0.3	dB
Operating Voltage (AC)			250	Vrms
High Potential Voltage 5 MHz			400	Vrms
Inner Cond. DC Resistance			4	mOhms
Outer Cond. DC Resistance			1	mOhms
Insulation Resistance	1,000			MOhms
RF Leakage	-50			dB

Mechanical Specifications

Size	
Length	0.51 in [12.95 mm]
Width/Dia.	0.156 in [3.96 mm]
Height	0 in [0 mm]
Weight	0.006 lbs [2.72 g]
Mating Cycles	500 Cycles
Mating Torque	1.75 to 2 in-lbs [0.20 to 0.23 Nm]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold MIL-G-45204
Insulation	Teflon	
Outer Conductor	Beryllium Copper	Gold MIL-G-45204



Configuration:

- SSMC Jack Connector
- Straight Body Geometry
- Turret Interface Type
- Solder Attachment
- Bulkhead

Features:

- Operating Frequency of 12.4 GHz Max.
- Gold Plated Beryllium Copper Contact
- Contact plating according to MIL-G-45204
- Small SSMC connector form factor (50% smaller than SMA, radially)
- Reliable threaded coupling
- IEC 60169-20 SSMC connector interface
- In stock and ready to ship

Applications:

- General Purpose Test
- Rack and Panel Mount Applications
- Software defined radio (SDR)
- Avionics
- A/D Modules
- Ultra Wideband Digital Receivers
- Data Acquisition

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Body	Beryllium Copper	Gold MIL-G-45204
Washer	Phosphor Bronze	Gold MIL-G-45204

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

Shock

Method 213, Condition B, 75G @6ms @1/2 sine

Vibration

Method 204, Condition D (20G)

Salt Spray

Method 101, Condition B, 5% salt solution

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

Plotted and Other Data

Notes:

SSMC Jack Bulkhead Connector Turret Terminal, Solder, Gold Plated Beryllium Copper Body, Length 0.51 In 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: [SSMC Jack Bulkhead Connector Turret Terminal, Solder, Gold Plated Beryllium Copper Body, Length 0.51 In FMCN1275](#)

URL: <https://www.fairviewmicrowave.com/ssmc-jack-turret-terminal-connector-fmcn1275-p.aspx>

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