

SHV Plug Connector Clamp/Solder Attachment for RG8, RG213, RG214 Cable

FMCN45907 SHV plug coax connector has an interface type of SHV plug which is compatible with RG8, RG213 and RG214 cables and has a 50 Ohms impedance. Fairview Microwave's SHV plug connector uses clamp/solder as an attachment method.

The Fairview Microwave SHV plug coax connector has a PTFE dielectric type. Fairview Microwave's SHV coax connector has a brass body with nickel plating. Our FMCN45907 SHV connector uses brass contact. This bayonet RF connector can operate at temperatures ranging from -65 to +165 degrees C. Additional RF connector specs and dimensions for this component can be found on its PDF specification datasheet and CAD drawings above.

This SHV plug RF connector with coax termination is designed to be used with RG8, RG213 and RG214 cables. Our high-quality FMCN45907 connector features a 100 μm minimum body plating specification. This SHV connector has a gold inner contact plating.

This Fairview Microwave plug SHV connector will ship the same business day as purchased. Our SHV plug connector is part of over 40,000 RF, microwave, and millimeter wave components in stock for worldwide shipment. For further information on similar products, our expert technical support and trained sales team can get you the ideal RF connector as per your requirements.

Mechanical Specifications

Size	
Length	2 in [50.8 mm]
Width/Dia.	0.75 in [19.05 mm]
Height	0.75 in [19.05 mm]
Weight	0.093 lbs [42.18 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 μm minimum
Insulation	PTFE	
Body	Brass	Nickel 100 μm minimum
Coupling Nut	Brass	Nickel 100 μm minimum

Mechanical Specification Notes:

When attaching the connector to the cable use a clamp torque value of 60 to 65 in-lbs [6.78 to 7.34 Nm]



Configuration:

- SHV Plug Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG8, RG213, RG214 Interface Type
- Clamp/Solder Attachment

Features:

- Gold Plated Brass Contact
- 30 μm minimum contact plating

Applications:

- General Purpose Test
- Custom Cable Assemblies

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Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:

SHV Plug Connector Clamp/Solder Attachment for RG8, RG213, RG214 Cable 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: [SHV Plug Connector Clamp/Solder Attachment for RG8, RG213, RG214 Cable FMCN45907](#)

URL: <https://www.fairviewmicrowave.com/shv-plug-rg8-rg213-rg214-connector-fmcn45907-p.aspx>

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