

SHV plug clamp right angle for RG214

RA SHV plug connector with crimp/solder attachment for RG214, part number FMCN45851, from Fairview Microwave is in-stock and ships same day. This SHV plug connector operates up to a maximum frequency of 300 MHz. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA SHV plug connector FMCN45851 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		300	MHz
Operating Voltage (AC)			3,500	Vrms
DWV (AC)			5,000	Vrms
Inner Cond. DC Resistance			2	mOhms
Outer Cond. DC Resistance			1.5	mOhms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

Length	1.43 in [36.32 mm]
Width/Dia.	0.57 in [14.48 mm]
Height	1.57 in [39.88 mm]
Weight	0.048 lbs [21.77 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold over Nickel over copper
Contact Spring		Tinned Copper
Insulation	Teflon	
Body	Brass	Tinned Copper
Coupling Nut	Brass	Tinned Copper
Gasket	Silicon	
Washer	Brass	Tinned Copper N3200-0214-11/W
O-Ring	Silicon	



Configuration:

- SHV Plug Connector
- MIL-STD-348A
- 50 Ohms
- Right Angle Body Geometry
- RG214 Interface Type
- Crimp/Solder Attachment

Features:

- Operating Frequency of 300 MHz Max.
- Gold over Nickel over copper Plated Brass Contact

Applications:

- General Purpose Test
- Custom Cable Assemblies

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Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

Thermal Shock

MIL-STD-202, Method 107, Condition B

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

Plotted and Other Data

Notes:

SHV plug clamp right angle for RG214 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 clamp right angle for RG214 FMCN45851](#)

URL: <https://www.fairviewmicrowave.com/shv-plug-rg214-connector-fmcn45851-p.aspx>

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