

SHV Plug Connector Crimp/Solder Attachment for RG58, RG303, RG141, LMR-195, .195 inch Cable

SHV plug connector with crimp/solder attachment for RG58, RG303, RG141, LMR-195 and .195 inch, part number FMCN1362, from Fairview Microwave is in-stock and ships same day. This SHV plug connector operates up to a maximum frequency of 300 MHz and offers good VSWR of 1.3:1.

Fairview's SHV plug connector FMCN1362 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
VSWR			1.3:1	
Operating Voltage (AC)			1,400	Vrms

Mechanical Specifications

Size	
Length	1.778 in [45.16 mm]
Width/Dia.	0.571 in [14.50 mm]
Height	0.571 in [14.5 mm]
Weight	0.035 lbs [15.88 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 µin minimum
Insulation	PTFE	
Body	Brass	Nickel 100 µin minimum
Coupling Nut	Brass	Nickel 100 µin minimum
Crimp Sleeve	Brass	Nickel

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:



Configuration:

- SHV Plug Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG58, RG303, RG141, LMR-195, .195 inch Interface Type
- Crimp/Solder Attachment

Features:

- Operating Frequency of 300 MHz Max.
- Good VSWR of 1.3:1
- Gold Plated Brass Contact
- 30 µin minimum contact plating

Applications:

- General Purpose Test
- Custom Cable Assemblies

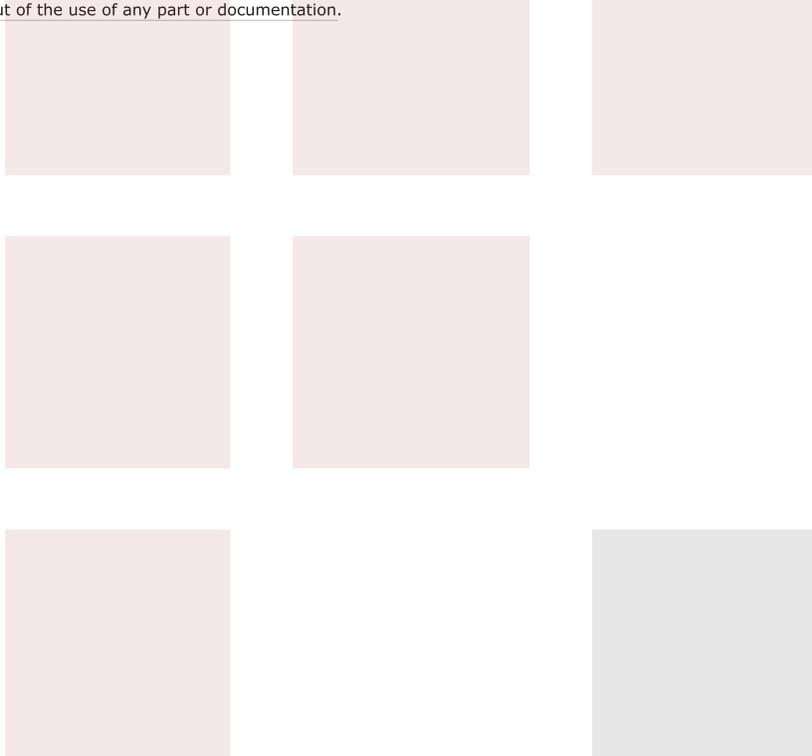
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SHV Plug Connector Crimp/Solder Attachment for RG58, RG303, RG141, LMR-195, .195 inch Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SHV Plug Connector Crimp/Solder Attachment for RG58, RG303, RG141, LMR-195, .195 inch Cable FMCN1362](#)

URL: <https://www.fairviewmicrowave.com/shv-plug-rg58-rg303-rg141-lmr-195-.195-connector-fmcn1362-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.



**N Male Connector Crimp/Solder Attachment For
 RG58, RG141, RG303, 0.195 inch, LMR-195, LMR-
 195-FR Cable**

Type N male connector with crimp/solder attachment for RG58, RG141, RG303, 0.195 inch, LMR-195 and LMR-195-FR, part number SC9109, from Fairview Microwave is in-stock and ships same day. This type N male connector operates up to a maximum frequency of 12 GHz and offers good VSWR of 1.3:1.

Fairview's type N male connector SC9109 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	GHz
VSWR			1.3:1	

Mechanical Specifications

Size	
Length	1.48 in [37.59 mm]
Width/Dia.	0.78 in [19.81 mm]
Weight	0.069 lbs [31.3 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold MIL-G-45204
Insulation	PTFE	
Body	Brass	Nickel QQ-N-290

Environmental Specifications

Temperature	
Operating Range	-55 to +155 deg C

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

Plotted and Other Data

Notes:



Configuration:

- N Male Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- RG58, RG141, RG303, 0.195 inch, LMR-195, LMR-195-FR Interface Type
- Crimp/Solder Attachment

Features:

- Operating Frequency of 12 GHz Max.
- Good VSWR of 1.3:1
- Gold Plated Brass Contact
- Contact plating according to MIL-G-45204

Applications:

- General Purpose Test
- Custom Cable Assemblies

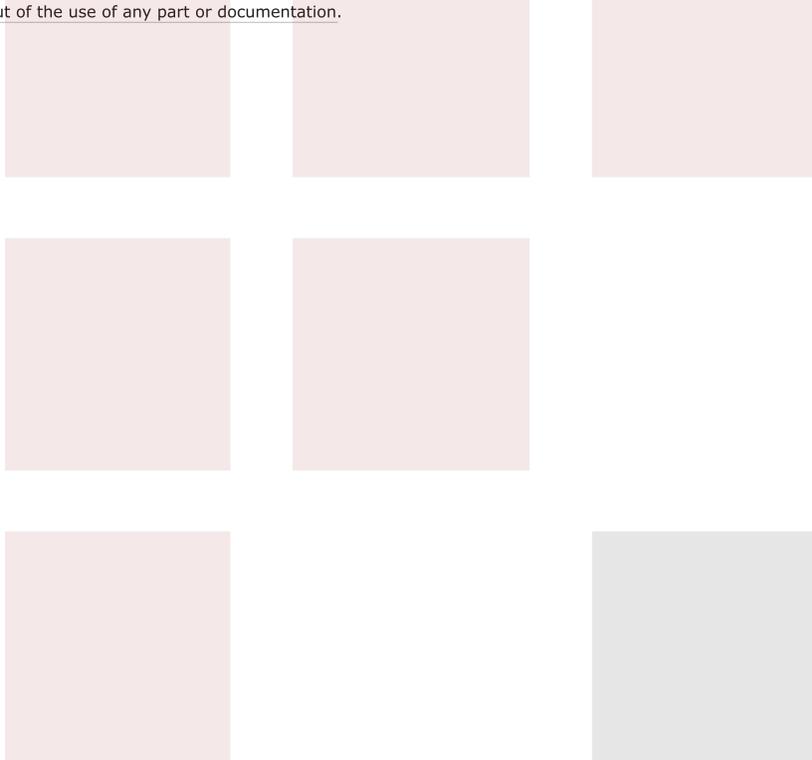
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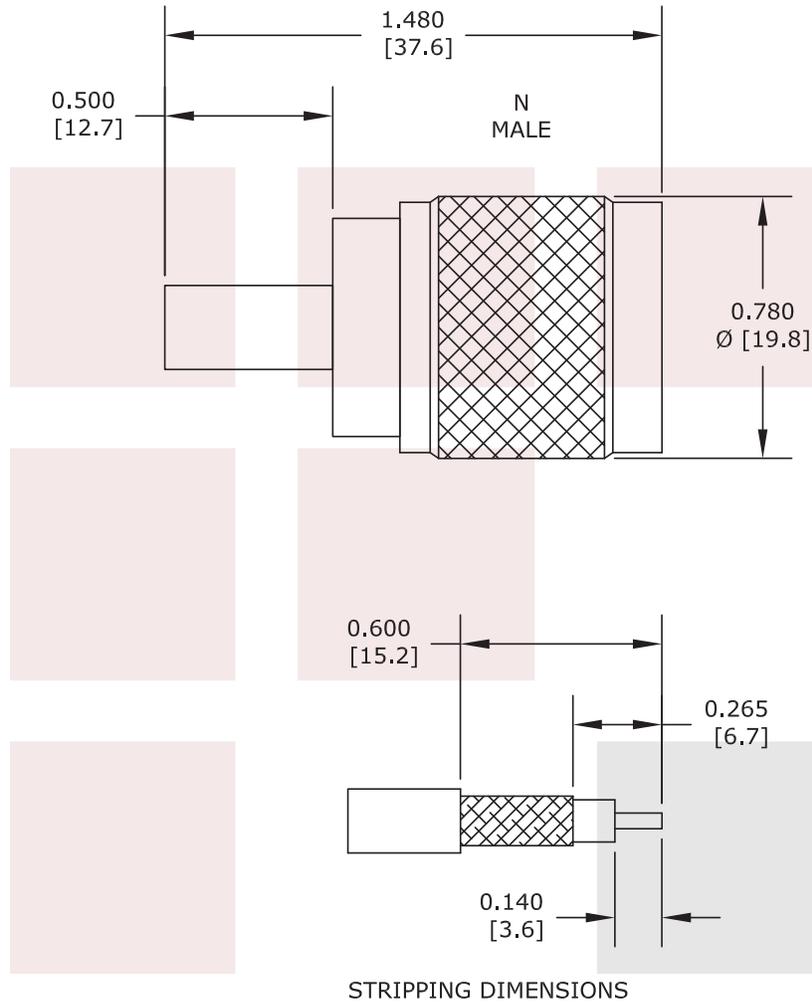
N Male Connector Crimp/Solder Attachment For RG58, RG141, RG303, 0.195 inch, LMR-195, LMR-195-FR Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [N Male Connector Crimp/Solder Attachment For RG58, RG141, RG303, 0.195 inch, LMR-195, LMR-195-FR Cable SC9109](#)

URL: <https://www.fairviewmicrowave.com/n-male-standard-rg58-rg141-connector-sc9109-p.aspx>

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STANDARD TOLERANCES	
.X	±0.2
.XX	±0.1
.XXX	±0.05

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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TITLE N Male Connector Crimp/Solder Attachment For RG58, RG141, RG303, 0.195 inch, LMR-195, LMR-195-FR Cable		DWG NO SC9109		CAGE CODE 3FKR5	
CAD FILE	120916	SHEET	SCALE	N/A	SIZE A 2233

RG58 Flexible Coax Cable Black PVC Jacket

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		5	GHz
Impedance		50		Ohms
Velocity of Propagation		66		%
Operating Voltage (AC)			1,900	Vrms
Nominal Capacitance		30.8		pF/ft
		[101.05]		[pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.01	0.1	1	5		GHz
Attenuation, Typ	1.4	4.9	20	60		dB/100ft
	4.59	16.08	65.62	196.85		dB/100m

Mechanical Specifications

Diameter	0.195 in [4.95 mm]
Weight	0.025 lbs/ft [0.04 Kg/m]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, Tin, 7 Strands	0.036 in [0.91 mm]
Conductor Type	Stranded	
Dielectric	PE	0.116 in [2.95 mm]
First Shield	Tinned Copper Braid	0.138 in [3.51 mm]
Jacket	PVC, Black	0.195 in [4.95 mm]

Environmental Specifications

Temperature

Operating Range	-40 to +80 deg C
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:



Configuration:

- Flexible Cable
- 1 Shield(s)

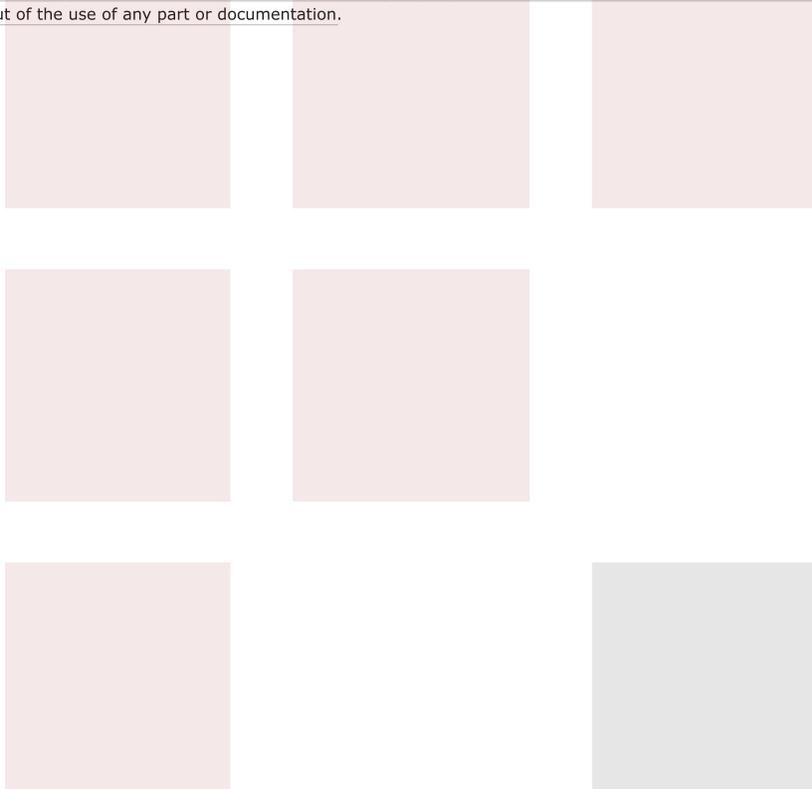
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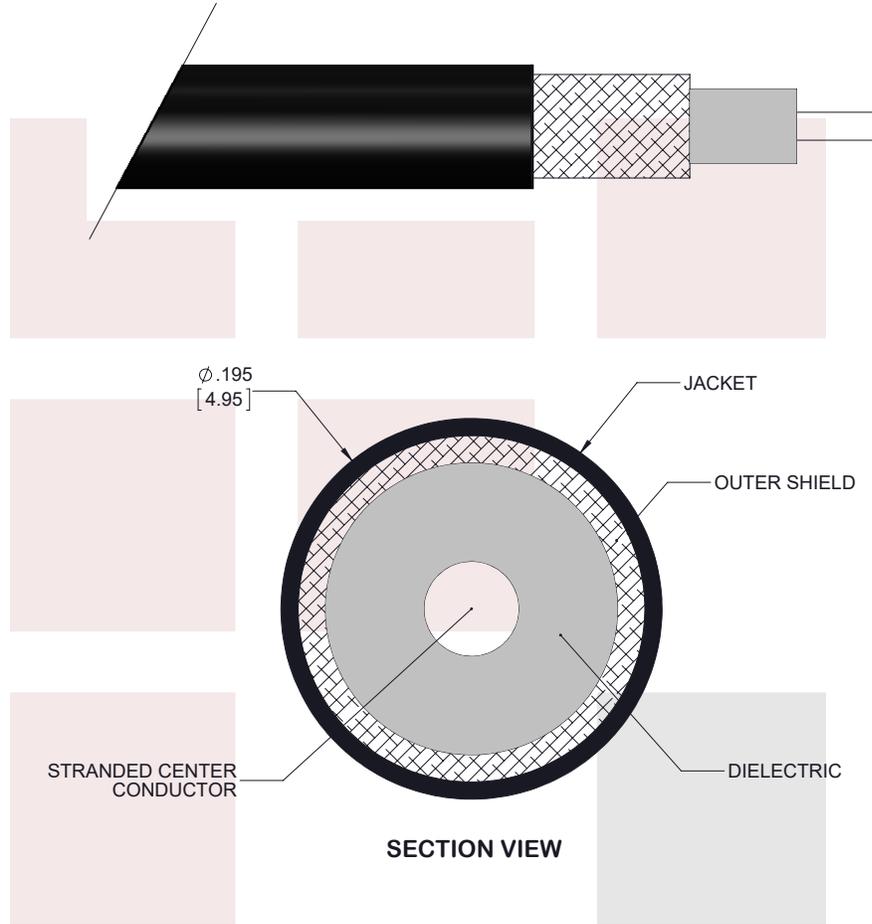
RG58 Flexible Coax Cable Black PVC Jacket from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [RG58 Flexible Coax Cable Black PVC Jacket RG58CU](#)

URL: <https://www.fairviewmicrowave.com/rg58-flexible-coax-cable-pvc-jacket-rg58cu-p.aspx>

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.X	±0.2
.XX	±0.01
.XXX	±0.005

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TITLE RG58 Flexible Coax Cable Black PVC Jacket		DWG NO RG58CU		CAGE CODE 3FKR5	
CAD FILE	092617	SHEET	1 OF 1	SCALE	N/A
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					7361