

MHV Male Right Angle Connector Clamp/Solder Attachment for RG58, RG55, RG141, RG142, RG223, RG400, RG303, LMR-195 Cable

FMCN45898 MHV male right angle coax connector has an interface type of MHV male right angle which is compatible with RG58, RG55, RG141, RG142, RG223, RG400, RG303 and LMR-195 cables and has a 50 Ohms impedance. Fairview Microwave's MHV male right angle connector uses clamp/solder as an attachment method. Our male MHV coax connector operates at a minimum frequency of DC and a maximum frequency of 300 MHz.

The Fairview Microwave MHV male right angle coax connector has a PTFE dielectric type and a VSWR of 1.3. Fairview Microwave's MHV coax connector has a brass body with nickel plating. Our FMCN45898 MHV connector uses brass contact. This threaded 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 MHV male right angle RF connector with coax termination and 50 Ohm impedance is designed to be used with RG58, RG55, RG141, RG142, RG223, RG400, RG303 and LMR-195 cables. Our high-quality FMCN45898 connector features a 100 µm minimum body plating specification. This MHV connector has a gold inner contact plating. Fairview Microwave's MHV male right angle connector has a maximum operating voltage of 1400 Vrms.

This Fairview Microwave male MHV connector will ship the same business day as purchased. Our MHV male right angle 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.

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	1.02 in [25.91 mm]
Width/Dia.	0.57 in [14.48 mm]
Height	1.22 in [30.99 mm]
Weight	0.07 lbs [31.75 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



Configuration:

- MHV Male Connector
- MIL-STD-348A
- 50 Ohms
- Right Angle Body Geometry
- RG58, RG55, RG141, RG142, RG223, RG400, RG303, LMR-195 Interface Type
- Clamp/Solder Attachment

Features:

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

Applications:

- General Purpose Test
- Custom Cable Assemblies

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Mechanical Specification Notes:

When attaching the connector to the cable use a clamp torque value of 26 to 30 in-lbs [2.94 to 3.39 Nm]

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:

MHV Male Right Angle Connector Clamp/Solder Attachment for RG58, RG55, RG141, RG142, RG223, RG400, RG303, LMR-195 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: [MHV Male Right Angle Connector Clamp/Solder Attachment for RG58, RG55, RG141, RG142, RG223, RG400, RG303, LMR-195 Cable FMCN45898](#)

URL: <https://www.fairviewmicrowave.com/mhv-male-rg58-rg55-rg141-rg142-rg223-rg400-rg303-lmr-195-connector-fmcn45898-p.aspx>

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