

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

FMCN45897 HN male coax connector has an interface type of HN male which is compatible with RG58, RG55, RG141, RG142, RG223, RG400, RG303 and LMR-195 cables and has a 50 Ohms impedance. Fairview Microwave's HN male connector uses clamp/solder as an attachment method. Our male HN coax connector operates at a minimum frequency of DC and a maximum frequency of 3000 MHz.

The Fairview Microwave HN male coax connector has a PTFE dielectric type and a VSWR of 1.350. Fairview Microwave's HN coax connector has a brass body with nickel plating. Our FMCN45897 HN 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 HN male 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 FMCN45897 connector features a 100 μ m minimum body plating specification. This HN connector has a gold inner contact plating. Fairview Microwave's HN male connector has a maximum operating voltage of 1400 Vrms.

This Fairview Microwave male HN connector will ship the same business day as purchased. Our HN male 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		3	GHz
VSWR			1.35:1	
Operating Voltage (AC)			1,400	Vrms

Mechanical Specifications

Size	
Length	1.56 in [39.62 mm]
Width/Dia.	0.87 in [22.10 mm]
Height	0.87 in [22.1 mm]
Weight	0.097 lbs [44 g]

Material Specifications

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



Configuration:

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

Features:

- Operating Frequency of 3 GHz Max.
- Good VSWR of 1.35:1
- Gold Plated Brass Contact
- 30 μ m minimum contact plating

Applications:

- General Purpose Test
- Custom Cable Assemblies

Fairview Microwave
301 Leora Ln., Suite 100
Lewisville, TX 75056
Tel: 1-800-715-4396 / (972) 649-6678
Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

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:

HN Male 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: [HN Male Connector Clamp/Solder Attachment for RG58, RG55, RG141, RG142, RG223, RG400, RG303, LMR-195 Cable FMCN45897](#)

URL: <https://www.fairviewmicrowave.com/hn-male-rg58-rg55-rg141-rg142-rg223-rg400-rg303-lmr-195-connector-fmcn45897-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.

