

RA BNC Male Connector Crimp/Solder Attachment For RG55, RG142, RG223, RG400 Cable

RA BNC male connector with crimp/solder attachment for RG55, RG142, RG223 and RG400, part number FMCN1372, from Fairview Microwave is in-stock and ships same day. This BNC male connector operates up to a maximum frequency of 4 GHz. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA BNC male connector FMCN1372 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		4	GHz
Operating Voltage (AC)			500	Vrms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 3					GHz
VSWR, Max	1.35:1					

Mechanical Specifications

Size	
Length	1.345 in [34.16 mm]
Width/Dia.	0.571 in [14.50 mm]
Height	1.145 in [29.08 mm]

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



Configuration:

- BNC Male Connector
- MIL-STD-348A
- 50 Ohms
- Right Angle Body Geometry
- RG55, RG142, RG223, RG400 Interface Type
- Crimp/Solder Attachment

Features:

- Operating Frequency of 4 GHz Max.
- Gold Plated Brass Contact
- 30 µin minimum contact plating

Applications:

- General Purpose Test
- Custom Cable Assemblies

Fairview Microwave
1130 Junction Dr. #100
Allen, TX 75013
Tel: 1-800-715-4396 / (972) 649-6678
Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

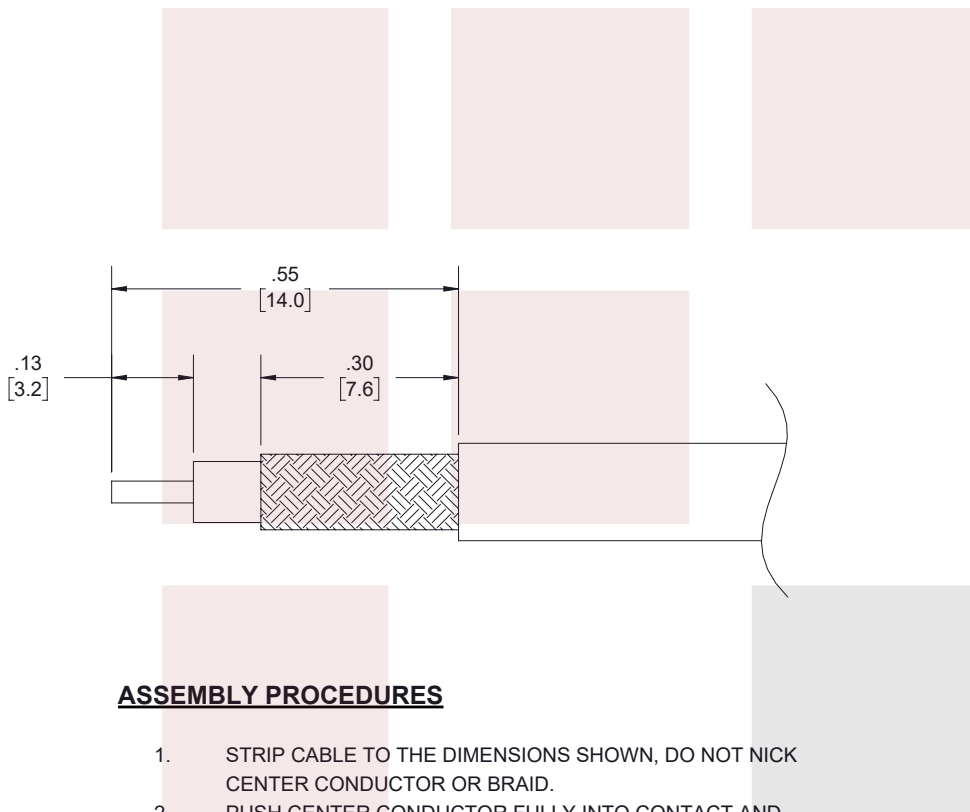
Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Assembly Instruction

*



ASSEMBLY PROCEDURES

1. STRIP CABLE TO THE DIMENSIONS SHOWN, DO NOT NICK CENTER CONDUCTOR OR BRAID.
2. PUSH CENTER CONDUCTOR FULLY INTO CONTACT AND CRIMP WITH CRIMP TOOL.
3. FLARE BRAID AND INSERT THE BODY UNTIL IT SEATS.
4. SLIDE FERRULE OVER BRAID AND CRIMP WITH CRIMP TOOL.

CRIMP SIZE REQUIRED

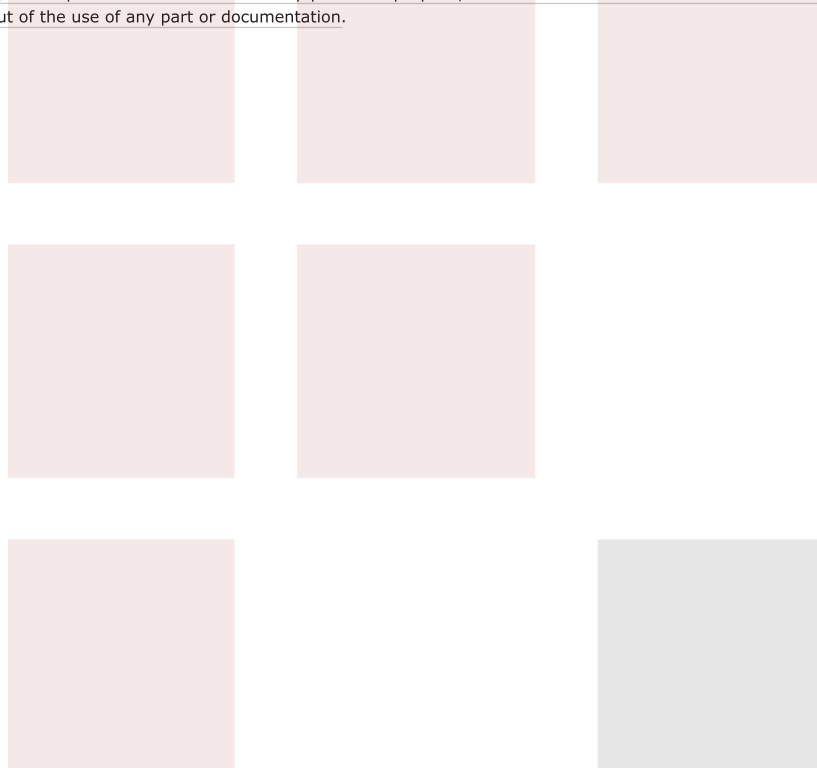
- CONTACT: .068 [1.73] HEX CRIMP TOOL.
- FERRULE: .213 [5.41] HEX CRIMP TOOL.

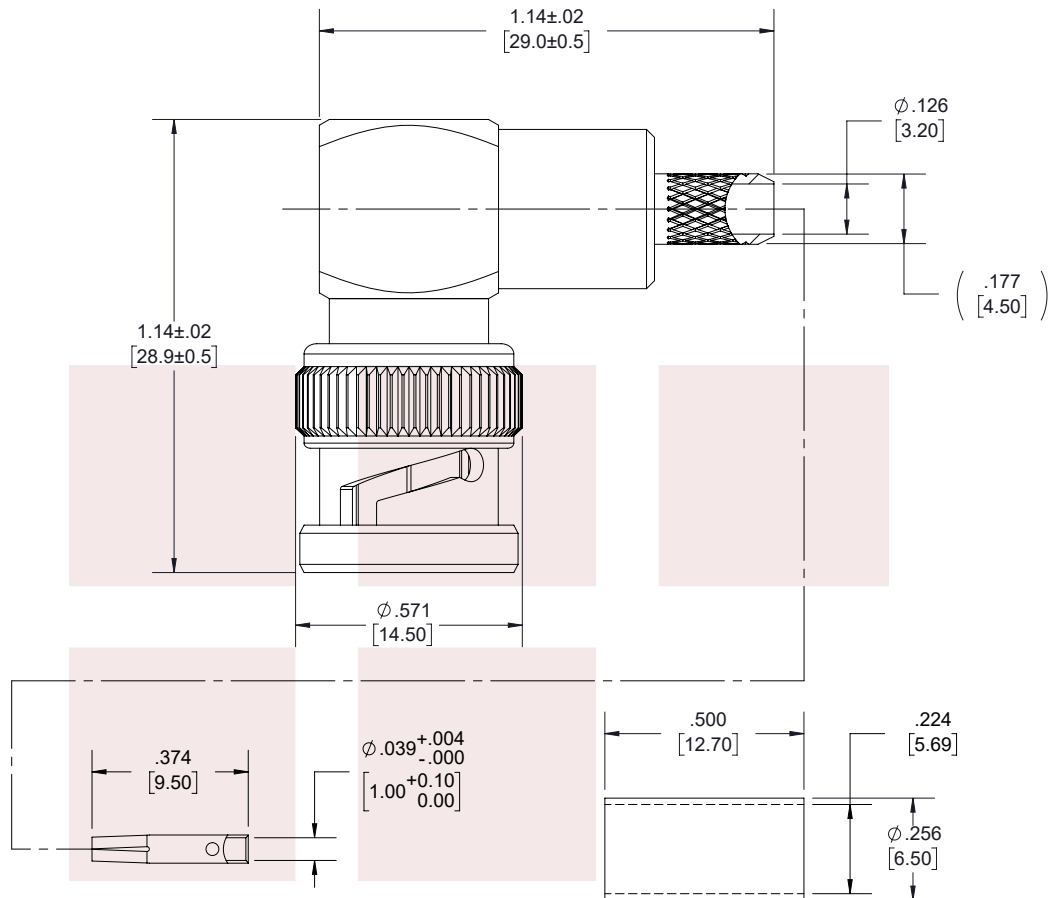
RA BNC Male Connector Crimp/Solder Attachment For RG55, RG142, RG223, RG400 Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [RA BNC Male Connector Crimp/Solder Attachment For RG55, RG142, RG223, RG400 Cable FMCN1372](#)

URL: <https://www.fairviewmicrowave.com/bnc-male-rg55-rg142-rg223-rg400-connector-fmcn1372-p.aspx>

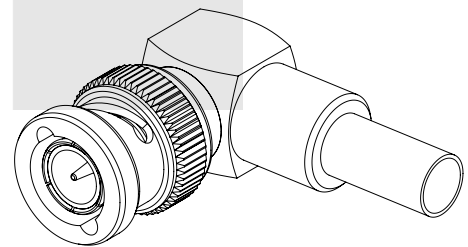
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to 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.





CONTACT

FERRULE



STANDARD TOLERANCES

.X	±0.2
.XX	±0.01
.XXX	±0.005

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES

FAIRVIEW MICROWAVE INC.

ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM

TITLE

RA BNC Male Connector Crimp/Solder Attachment For
RG55, RG142, RG223, RG400 Cable

NOTES:

1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

DWG NO

FMCN1372

CAGE CODE

3FKR5

CAD FILE

110817

SHEET

1 OF 1

SCALE

N/A

SIZE

A

7361

HN Male Right Angle Connector Clamp/Solder Attachment for RG142, RG223, RG400 Cable



FMCN45902

Configuration

- HN Male Connector
- MIL-STD-348
- 50 Ohms
- Right Angle Body Geometry
- Connector Interface Types: RG142, RG223, RG400

Features

- Silver Plated Contact
- Contact plating according to QQ-S-365

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

FMCN45902 HN male right angle coax connector has an interface type of HN male which is compatible with RG142, RG223, and RG400 cables and has a 50 Ohms impedance. Fairview Microwave's HN male connector uses clamp/solder as an attachment method.

The Fairview Microwave HN male coax connector has a PTFE dielectric type. Fairview Microwave's HN coax connector has a brass body with nickel plating. 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 is designed to be used with RG142, RG223, RG400 cables. Our high-quality FMCN45902 connector features a QQ-N-290 body plating specification. This HN connector has a silver inner contact plating.

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	Minimum	Typical	Maximum	Units
Impedance		50		Ohms

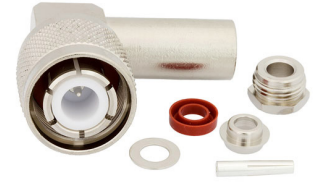
Mechanical Specifications

Size

Length	1.75 in [44.45 mm]
Width	0.9 in [22.86 mm]
Height	1.47 in [37.34 mm]
Weight	0.161 lbs [73.03 g]

HN Male Right Angle Connector Clamp/Solder Attachment for RG142, RG223, RG400 Cable

FMCN45902



Material Specifications

Description	Material	Plating
Contact		Silver QQ-S-365
Insulation	PTFE	
Body	Brass	Nickel QQ-N-290
Coupling Nut	Brass	Nickel QQ-N-290

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 Right Angle Connector Clamp/Solder Attachment for RG142, RG223, RG400 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 Right Angle Connector Clamp/Solder Attachment for RG142, RG223, RG400 Cable FMCN45902](#)

URL: <https://www.fairviewmicrowave.com/hn-male-rg142-rg223-rg400-connector-fmcn45902-p.aspx>

The information contained within 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 liability arising out of the use of any part or document.

HN Male Right Angle Connector Clamp/Solder Attachment for RG142, RG223, RG400 Cable

3