

Right Angle QN Male (Plug) Snap-On Connector For LMR-400, LMR-400-DB Cable, Crimp/Solder

RA QN male snap-on connector with crimp/solder attachment for LMR-400 and LMR-400-DB, part number FMCN1101, from Fairview Microwave is in-stock and ships same day. This QN male connector operates up to a maximum frequency of 6 GHz and offers good VSWR of 1.5:1. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA QN male connector FMCN1101 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		6	GHz
VSWR			1.5:1	
Operating Voltage (AC)			500	Vrms
DWV (AC)			1,500	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size	
Length	1.43 in [36.32 mm]
Width/Dia.	0.75 in [19.05 mm]
Height	1.28 in [32.51 mm]
Weight	0.0885 lbs [40.14 g]
Mating Cycles	100 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Silver
Insulation	PTFE	
Body	Brass	Silver
Coupling Nut	Brass	Tri-Metal



Configuration:

- Snap-On QN Male Connector
- 50 Ohms
- Right Angle Body Geometry
- LMR-400, LMR-400-DB Interface Type
- Crimp/Solder Attachment

Features:

- Operating Frequency of 6 GHz Max.
- Good VSWR of 1.5:1
- Silver Plated Brass Contact

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

Environmental Specifications

Temperature

Operating Range -55 to +125 deg C
Hermetic Seal ATM. cm3/s

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

Plotted and Other Data

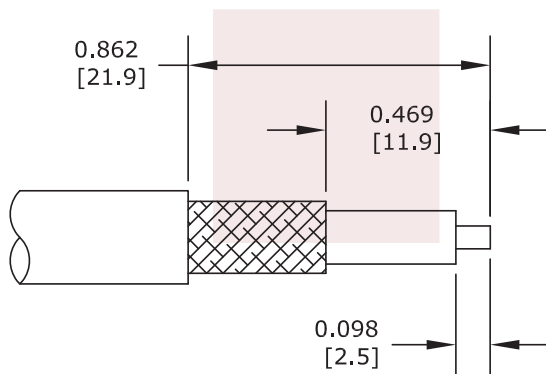
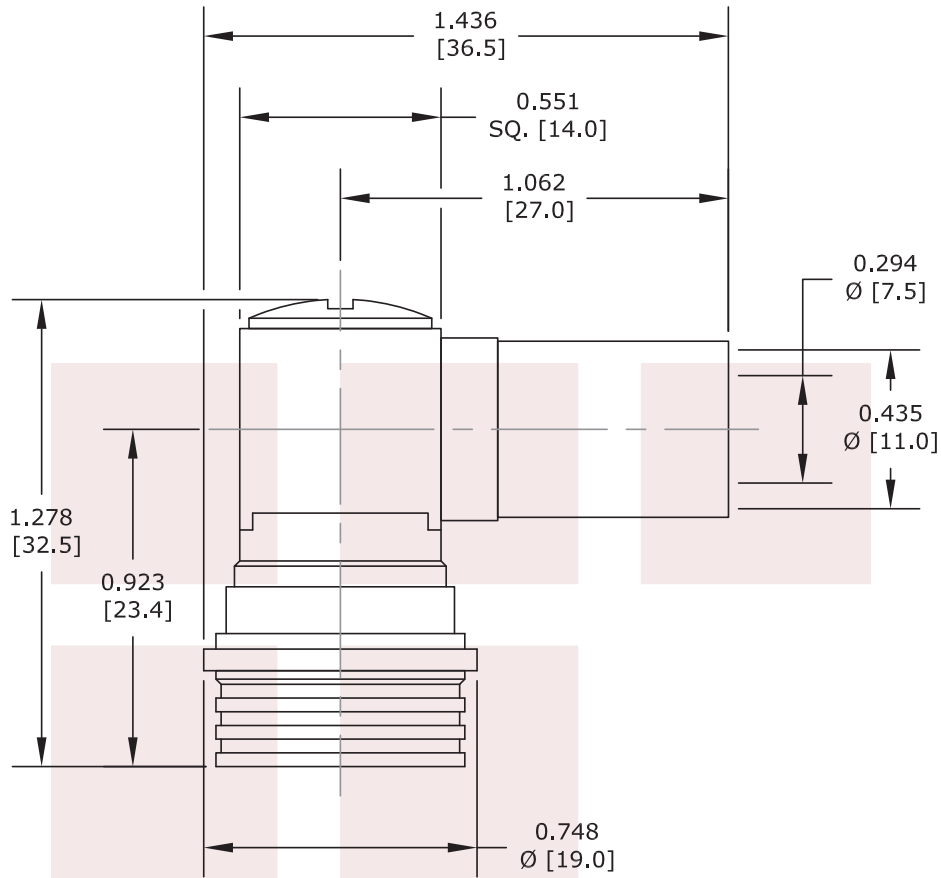
Notes:

Right Angle QN Male (Plug) Snap-On Connector For LMR-400, LMR-400-DB Cable, Crimp/Solder 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: [Right Angle QN Male \(Plug\) Snap-On Connector For LMR-400, LMR-400-DB Cable, Crimp/Solder FMCN1101](#)

URL: <https://www.fairviewmicrowave.com/qn-male-snap-on-lmr-400-lmr-400-db-connector-fmcn1101-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.



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN & SLIDE FERRULE OVER CABLE.
2. INSTALL CABLE INTO BODY OF CONNECTOR AND SOLDER CENTER CONDUCTOR IN PLACE.
3. CRIMP FERRULE & SCREW CAP IN PLACE.

CRIMP SIZE REQUIRED

CONTACT: SOLDER
FERRULE: .429" HEX CRIMP TOOL

FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		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].			
TITLE Right Angle QN Male (Plug) Snap-On Connector For LMR-400, LMR-400-DB Cable, Crimp/Solder		DWG NO FMCN1101		CAGE CODE 3FKR5	
CAD FILE	062216	SHEET	SCALE	N/A	SIZE A 2233