

**QN Male Snap-On Connector Crimp/Solder Attachment For LMR-240 Cable**

QN male snap-on connector with crimp/solder attachment for LMR-240, part number FMCN1100, 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 excellent VSWR of 1.2:1.

Fairview's QN male connector FMCN1100 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			1.2:1	
Insertion Loss			0.12	dB
Operating Voltage (AC)			500	Vrms
DWV (AC)			1,500	Vrms
Insulation Resistance	5,000			MOhms

Electrical Specification Notes:  
 Insertion Loss Calculation: .048 vF(GHz) dB

**Mechanical Specifications**

Size	
Length	1.38 in [35.05 mm]
Width/Dia.	0.75 in [19.05 mm]
Weight	0.04 lbs [18.14 g]
Mating Cycles	100 Cycles

**Material Specifications**

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



**Configuration:**

- Snap-On QN Male Connector
- 50 Ohms
- Straight Body Geometry
- LMR-240 Interface Type
- Crimp/Solder Attachment

**Features:**

- Operating Frequency of 6 GHz Max.
- Excellent VSWR of 1.2:1
- Tri-Metal Plated Brass Contact
- 6 GHz Maximum Frequency
- Snap-On Quick Locking Connection
- Snap-On features allows reduced connector spacing
- 100 mating cycles typical
- Capable of 360 degree rotation reducing strain
- QN Interface is electrically equivalent to Type-N interface

**Applications:**

- General Purpose Test
- Custom Cable Assemblies
- Telecom systems including DAS
- Equipment rack applications
- High connection density systems

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**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**

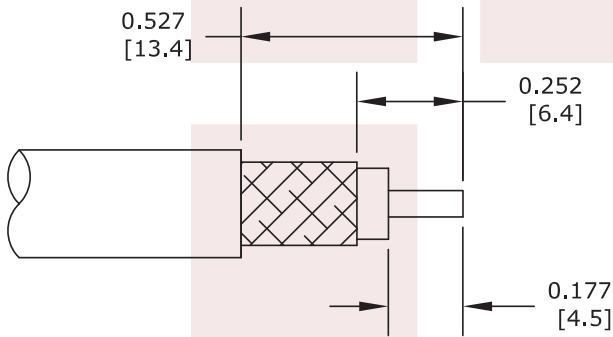
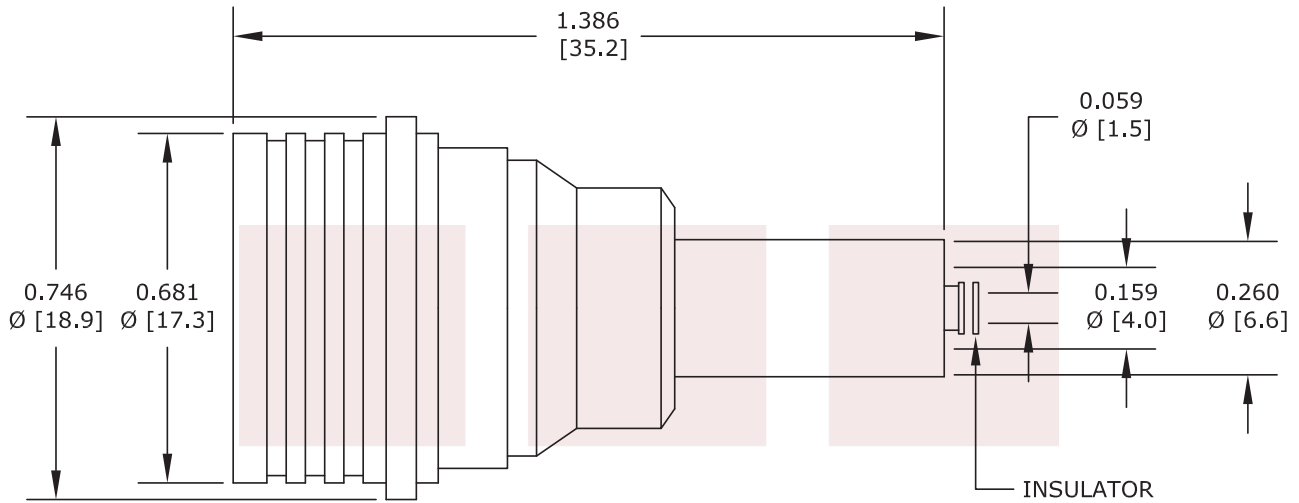
Notes:

QN Male Snap-On Connector Crimp/Solder Attachment For LMR-240 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: [QN Male Snap-On Connector Crimp/Solder Attachment For LMR-240 Cable FMCN1100](#)

URL: <https://www.fairviewmicrowave.com/qn-male-snap-on-lmr-240-connector-fmcn1100-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

CRIMP SIZE REQUIRED

CONTACT: SOLDER  
 FERRULE: .255" HEX CRIMP TOOL

<b>FAIRVIEW MICROWAVE INC.</b> 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 QN Male Snap-On Connector Crimp/Solder Attachment For LMR-240 Cable		DWG NO <b>FMCN1100</b>		CAGE CODE <b>3FKR5</b>	
CAD FILE	061716	SHEET	SCALE	N/A	SIZE A 2233