

**BNC Male (Plug) Connector Crimp/Solder Attachment for LMR-400, LMR-400-DB, LMR-400-UF, LMR-400-UF-FR, TCOM-400, LMR-400-LLPX, LMR-400-FR**



**FMCN5335**

**Configuration**

- BNC Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: LMR-400, LMR-400-DB, LMR-400-UF, LMR-400-UF-FR, TCOM-400, LMR-400-LLPX, LMR-400-FR, LMR-LW400, TCOM-400-FR

**Features**

- Operating Frequency of 1.8 GHz Max.
- Excellent VSWR of 1.2:1
- Gold over Nickel over Copper Plated Brass Contact

**Applications**

- General Purpose Test
- Custom Cable Assemblies

**Description**

BNC Male Connector Crimp/Solder Attachment for LMR-400, LMR-400-DB, LMR-400-UF, LMR-400-UF-FR, TCOM-400, LMR-400-LLPX, LMR-400-FR, LMR-LW400 and TCOM-400-FR Cable, part number FMCN5335, from Fairview Microwave is in-stock and ships same day. This BNC male connector operates up to a maximum frequency of 1.8 GHz and offers excellent VSWR of 1.2:1.

Fairview's BNC male connector FMCN5335 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	Minimum	Typical	Maximum	Units
Frequency Range	DC		1.8	GHz
VSWR			1.2:1	
Insertion Loss			0.134	dB
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms
Inner Conductor DC Resistance			1.5	mOhms
Outer Conductor DC Resistance			1	mOhms
Insulation Resistance	5,000			MOhms
Impedance		50		Ohms

**Mechanical Specifications**

**Size**

- Length 1.102 in [27.99 mm]
- Width 0.571 in [14.5 mm]
- Height 0.571 in [14.5 mm]
- Weight 0.1 lbs [45.36 g]
- Mating Cycles 500 Cycles
- Mating Torque 0.6 to 2.5 in-lbs [[0.07 to 0.28 Nm]]

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## FMCN5335

### Material Specifications

Description	Material	Plating
Contact	Brass	Gold over Nickel over Copper
Insulation	PTFE	
Outer Conductor	Brass	Copper-Tin-Zinc Alloy
Body	Brass	Copper-Tin-Zinc Alloy
Gasket	Silicone	
Washer	Brass	Copper-Tin-Zinc Alloy

### Environmental Specifications

#### Temperature

Operating Range

-65 to +165 deg C

Humidity

MIL-STD-202, Method 106

Thermal Shock

MIL-STD-202, Method 107, Condition B

Salt Spray

MIL-STD-202, Method 101, Condition B

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

### Plotted and Other Data

Notes:

BNC Male (Plug) Connector Crimp/Solder Attachment for LMR-400, LMR-400-DB, LMR-400-UF, LMR-400-UF-FR, TCOM-400, LMR-400-LLPX, LMR-400-FR 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.

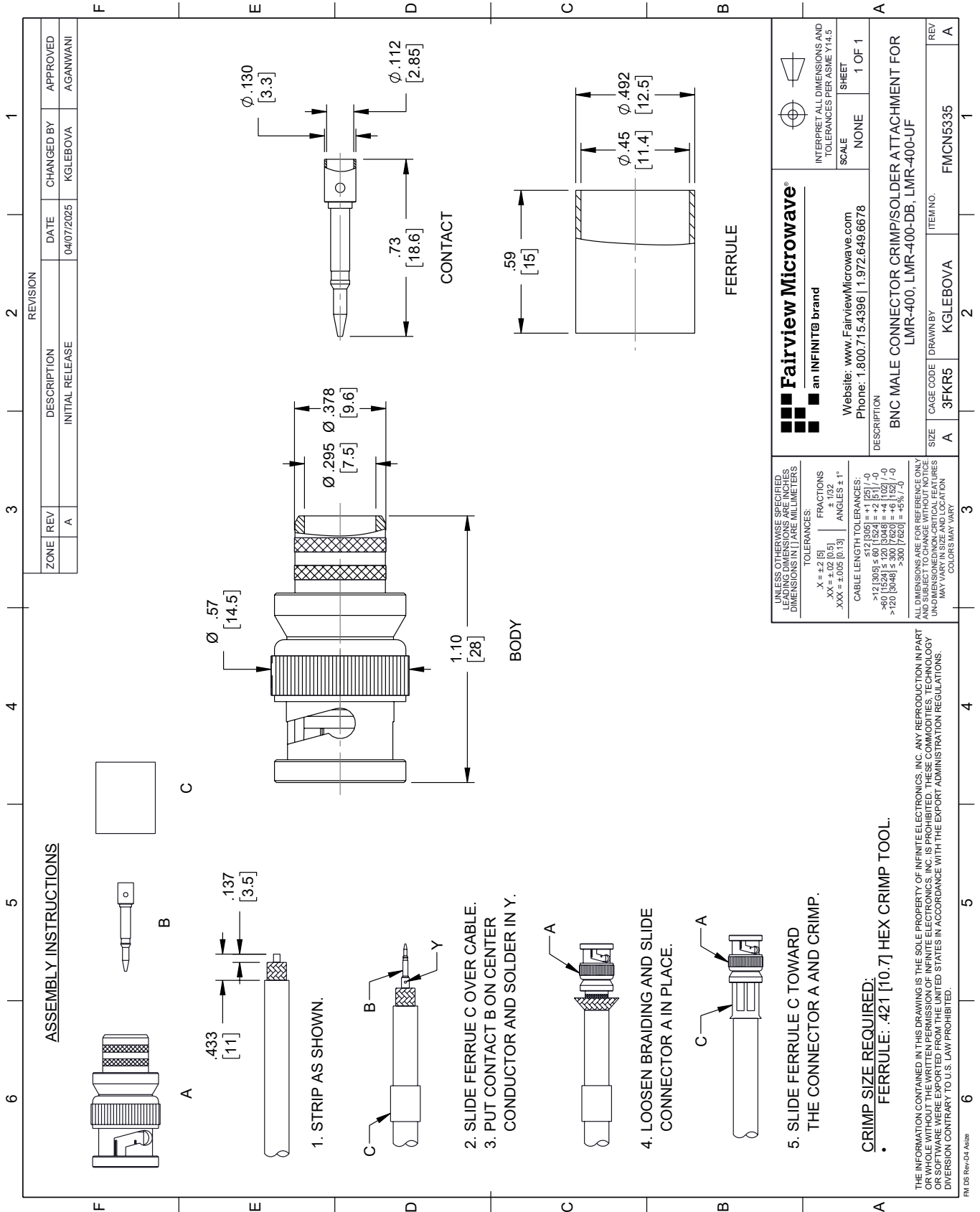
For additional information on this product, please click the following link: [BNC Male \(Plug\) Connector Crimp/Solder Attachment for LMR-400, LMR-400-DB, LMR-400-UF, LMR-400-UF-FR, TCOM-400, LMR-400-LLPX, LMR-400-FR FMCN5335](#)

URL: <https://www.fairviewmicrowave.com/product/rf-connectors/bnc-male-pe-c400-lmr-400-lmr-400-db-lmr-400-uf-tcom-400-fr-lmr-400-fr-lmr-lw400-tcom-400-lmr-400-llpx-pe-b400-connector-fmcn5335.html>

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.

# FMCN5335 CAD Drawing

BNC Male (Plug) Connector Crimp/Solder Attachment for LMR-400, LMR-400-DB, LMR-400-UF, LMR-400-UF-FR, TCOM-400, LMR-400-LLPX, LMR-400-FR



ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	04/07/2025	KGLEBOVA	AGANWANI

<p>Fairview Microwave® an INFINIT® brand</p> <p>Website: <a href="http://www.FairviewMicrowave.com">www.FairviewMicrowave.com</a> Phone: 1.800.715.4396   1.972.649.6678</p>		<p>INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5</p> <p>SCALE: NONE</p> <p>SHEET: 1 OF 1</p>
<p>DESCRIPTION: BNC MALE CONNECTOR CRIMP/SOLDER ATTACHMENT FOR LMR-400, LMR-400-DB, LMR-400-UF</p>		
SIZE: A	CAGE CODE: 3FKR5	ITEM NO.: FMCN5335
DRAWN BY: KGLEBOVA	REV: A	