

N Male Connector Crimp/Solder Attachment for LMR-240, 0.240 inch, RG8X, B7808A, LMR-240-DB, LMR-240-UF Cable

Type N male connector with crimp/solder attachment for LMR-240, 0.240 inch, RG8X, B7808A, LMR-240-DB and LMR-240-UF, part number FMCN1589, from Fairview Microwave is in-stock and ships same day. This type N male connector operates up to a maximum frequency of 11 GHz and offers good VSWR of 1.3:1.

Fairview's type N male connector FMCN1589 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 | | 11 | GHz |
| VSWR | | | 1.3:1 | |

Mechanical Specifications

| Size | |
|------------|----------------------|
| Length | 1.39 in [35.31 mm] |
| Width/Dia. | 0.8 in [20.32 mm] |
| Weight | 0.0825 lbs [37.42 g] |

Material Specifications

| Description | Material | Plating |
|--------------|----------|---------|
| Contact | Brass | Gold |
| Insulation | PTFE | |
| Body | Brass | Nickel |
| Coupling Nut | Brass | Nickel |

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:



Configuration:

- N Male Connector
- 50 Ohms
- Straight Body Geometry
- LMR-240, 0.240 inch, RG8X, B7808A, LMR-240-DB, LMR-240-UF Interface Type
- Crimp/Solder Attachment

Features:

- Operating Frequency of 11 GHz Max.
- Good VSWR of 1.3:1
- Gold Plated Brass Contact

Applications:

- General Purpose Test
- Custom Cable Assemblies

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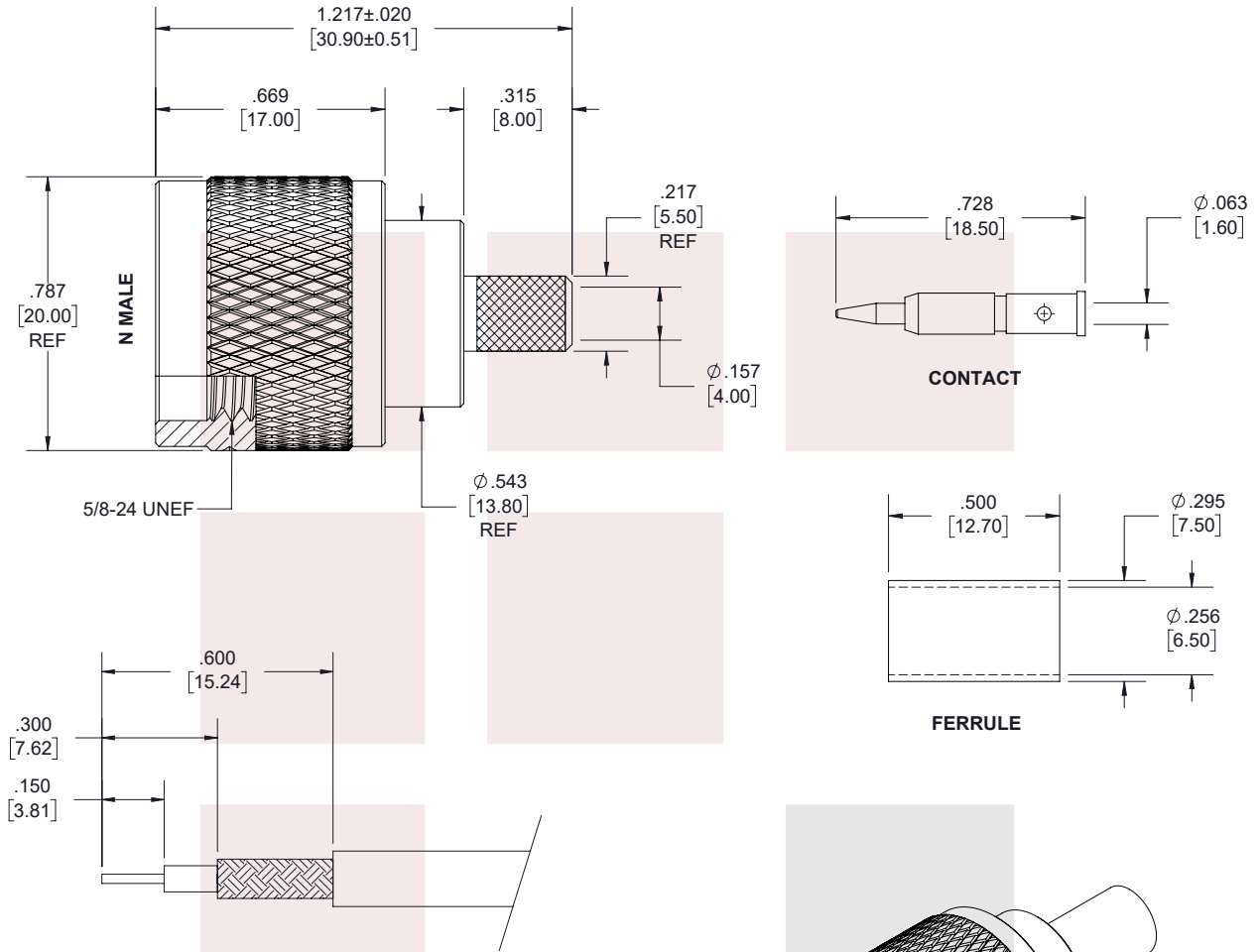
For additional information on this product, please click the following link: [N Male Connector Crimp/Solder Attachment for LMR-240, 0.240 inch, RG8X, B7808A, LMR-240-DB, LMR-240-UF Cable FMCN1589](#)

URL: <https://www.fairviewmicrowave.com/n-male-lmr-240-0.240-rg8x-b7808a-lmr-240-db-lmr-240-uf-connector-fmcn1589-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.



| REVISIONS | | | |
|-----------|-----------------|-----------|----------|
| REV. | DESCRIPTION | DATE | APPROVED |
| A | INITIAL RELEASE | 4/10/2020 | S.ELLIS |



NOTES:

- CABLE ATTACHMENT:
 - OUTER: CRIMP.
 - INNER: SOLDER/CRIMP.
- CRIMP SIZE REQUIRED:
 - FERRULE: .255 [6.48] HEX. CRIMP TOOL.
 - CONTACT: .100 [2.54] HEX. CRIMP TOOL.

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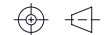
TITLE
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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES: CABLE LENGTH (L) TOLERANCES:

.X = ±.2 [5.08] FRACTIONS L ≤ 12 [305] = +1 [25] / -0
 .XX = ±.02 [.51] ± 1/32 12 [305] < L ≤ 60 [1524] = +2 [51] / -0
 .XXX = ±.005 [.13] ANGLES ± 1° 60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
 120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
 300 [7620] < L = +5%L / -0

THIRD-ANGLE PROJECTION



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SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE N/A

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|-----------|--------------------|--------------------|----------------------|----------|
| SIZE A | CAGE CODE 3FKR5 | DRAWN BY K.DANG | ITEM NO. FMCN1589 | REV A |
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