

## Right Angle QMA Male (Plug) Connector For LMR-240 Cable, Crimp/Non-Solder Contact

RA QMA male connector with crimp/non-solder contact attachment for Times' LMR-240 and LMR-240-UF, part number EZ-240-QM-RA-X, from Times Microwave offered by Fairview Microwave is in-stock and ships same day. This QMA male connector operates up to a maximum frequency of 6 GHz and offers good VSWR of 1.3:1. Its right angle body geometry facilitates connections in tight spaces.

Times Microwave's RA QMA male connector EZ-240-QM-RA-X 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.



### Configuration:

- QMA Male Connector
- 50 Ohms
- Right Angle Body Geometry
- LMR-240, LMR-240-UF Interface Type
- Crimp/Non-Solder Contact Attachment

### Electrical Specifications

| Description           | Min   | Typ | Max   | Units |
|-----------------------|-------|-----|-------|-------|
| Frequency Range       | DC    |     | 6     | GHz   |
| VSWR                  |       |     | 1.3:1 |       |
| Insertion Loss        |       |     | 0.25  | dB    |
| DWV (DC)              |       |     | 1,000 | Vdc   |
| Insulation Resistance | 5,000 |     |       | MOhms |

### Mechanical Specifications

|               |                    |
|---------------|--------------------|
| Weight        | 0.021 lbs [9.53 g] |
| Mating Cycles | 100 Cycles         |

### Material Specifications

| Description     | Material         | Plating                          |
|-----------------|------------------|----------------------------------|
| Contact         | Beryllium Copper | Gold<br>50 μ inches minimum      |
| Insulation      | PTFE             |                                  |
| Outer Conductor | Brass            | Tri-Metal<br>80 μ inches minimum |
| Body            | Brass            | Tri-Metal<br>80 μ inches minimum |

### Environmental Specifications

#### Temperature

Operating Range  
Shock

-40 to +125 deg C  
MIL-STD 213G, Meth, 107,  
Cond.I  
MIL-STD 202G, Meth, 104,  
Cond.D

Vibration

### Features:

- Operating Frequency of 6 GHz Max.
- Good VSWR of 1.3:1
- Gold Plated Beryllium Copper Contact
- 50 μ inches minimum contact plating

### 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](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

Thermal Shock

MIL-STD 202G, Meth, 107, Cond.B

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

## Plotted and Other Data

Notes:

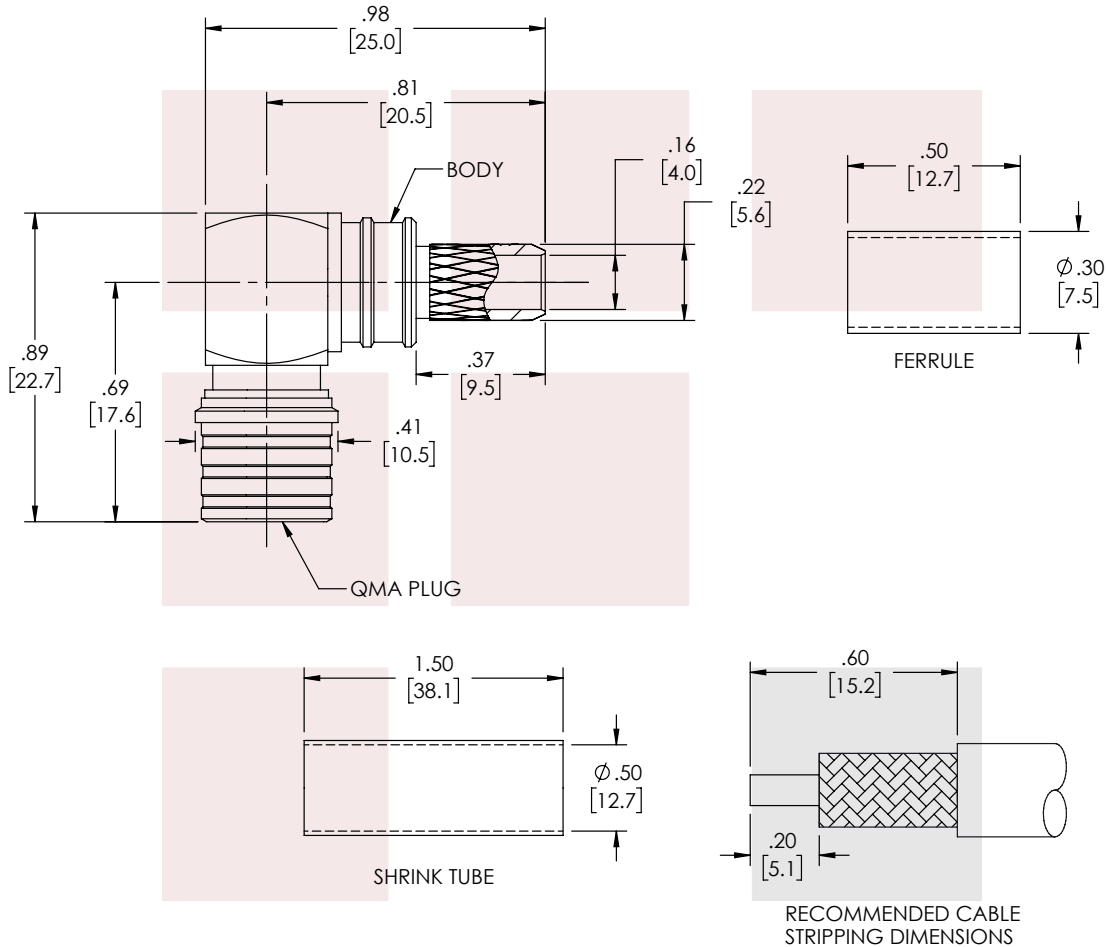
Right Angle QMA Male (Plug) Connector For LMR-240 Cable, Crimp/Non-Solder Contact from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Right Angle QMA Male \(Plug\) Connector For LMR-240 Cable, Crimp/Non-Solder Contact EZ-240-QM-RA-X](#)

URL: <https://www.fairviewmicrowave.com/qma-male-lmr-240-connector-ez-240-qm-ra-x-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 |
| C         | UPDATE MODEL/DIMENSIONS | 3/7/22 | RDELEON  |



THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

TITLE

Right Angle QMA Male (Plug) Connector For LMR-240 Cable, Crimp/Non-Solder Contact

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

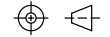
TOLERANCES:

.X = ±.2 [5.08] FRACTIONS  
.XX = ±.02 [.51] ± 1/32  
XXX = ±.005 [.13] ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0  
12 [305] < L ≤ 60 [1524] = +2 [51] / -0  
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



THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF FAIRVIEW MICROWAVE CORPORATION. ALL RIGHTS RESERVED.

SHEET 1 OF 1

SCALE N/A

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

| SIZE | CAGE CODE | DRAWN BY | ITEM NO.       | REV |
|------|-----------|----------|----------------|-----|
| A    | 3FKR5     | HBAKKE   | EZ-240-QM-RA-X | C   |

T-Rev.D