

QMA Male Right Angle Connector Crimp/Solder Attachment for RG58, RG141, RG303, LMR-195, 0.195 inch

RA QMA male connector with crimp/solder attachment for RG58, RG141, RG303, LMR-195 and .195 inch, part number FMCN1894, from Fairview Microwave is in-stock and ships same day. This QMA male connector operates up to a maximum frequency of 18 GHz. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA QMA male connector FMCN1894 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		18	GHz

Mechanical Specifications

Size	
Length	0.89 in [22.61 mm]
Width/Dia.	0.38 in [9.65 mm]
Height	0.73 in [18.54 mm]
Weight	0.022 lbs [9.98 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Outer Conductor	Phosphor Bronze	Tri-Metal
Body	Brass	Tri-Metal

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:



Configuration:

- QMA Male Connector
- 50 Ohms
- Right Angle Body Geometry
- RG58, RG141, RG303, LMR-195, .195 inch Interface Type
- Crimp/Solder Attachment

Features:

- Operating Frequency of 18 GHz Max.
- Gold Plated Brass Contact

Applications:

- General Purpose Test
- Custom Cable Assemblies

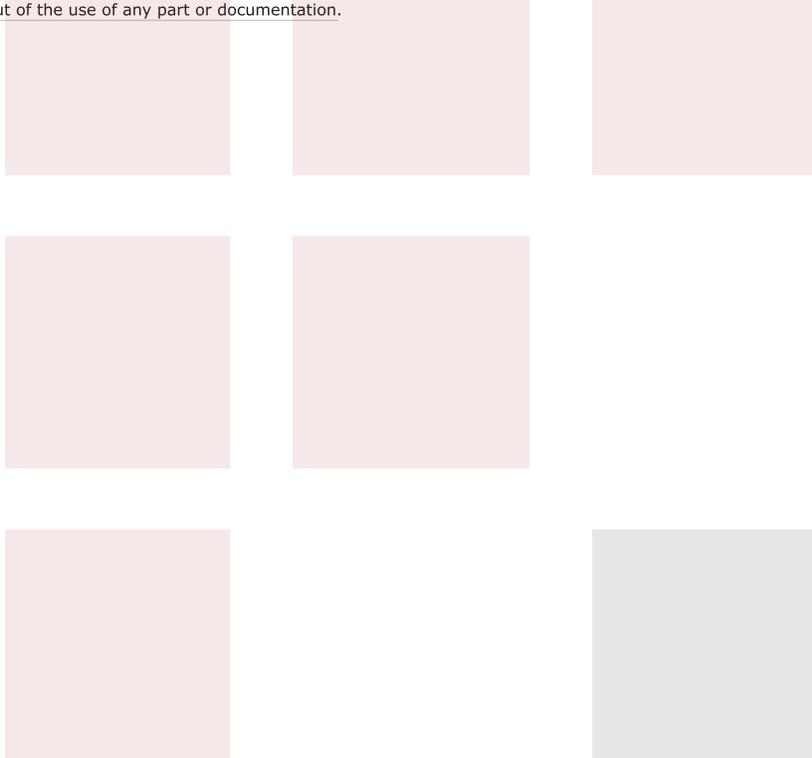
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QMA Male Right Angle Connector Crimp/Solder Attachment for RG58, RG141, RG303, LMR-195, 0.195 inch from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

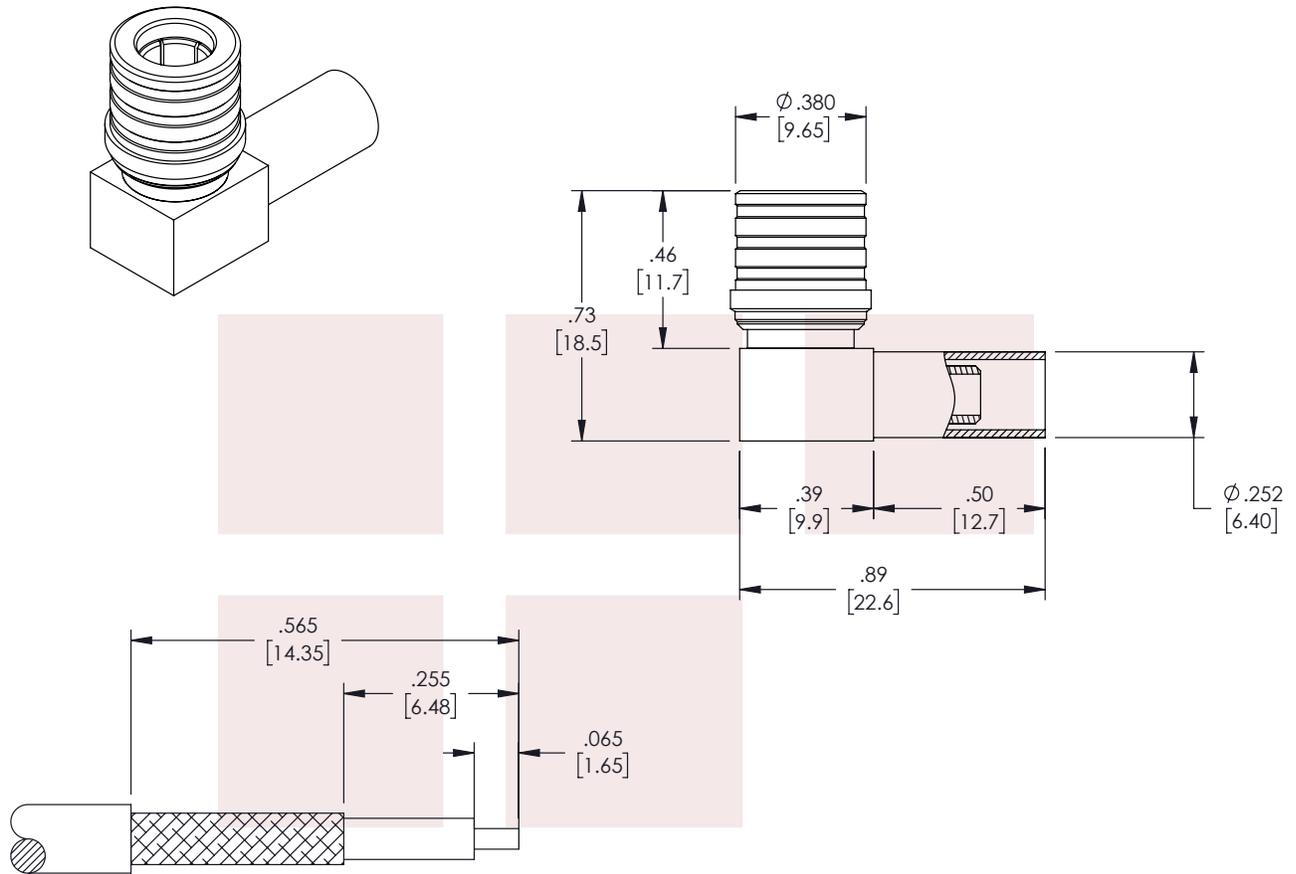
For additional information on this product, please click the following link: [QMA Male Right Angle Connector Crimp/Solder Attachment for RG58, RG141, RG303, LMR-195, 0.195 inch FMCN1894](#)

URL: <https://www.fairviewmicrowave.com/qma-male-rg58-rg141-rg303-lmr-195-.195-connector-fmcn1894-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	02/21/2022	AGANWANI



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURE

1. STRIP CABLE AS SHOWN AND SLIDE FERRULE OVER CABLE.
2. INSERT CABLE INTO BODY OF CONNECTOR AND SOFT SOLDER CENTER CONDUCTOR IN PLACE.
3. CRIMP FERRULE AND PRESS CAP DOWN.

CRIMP SIZE REQUIRED:

FERRULE: .216 [5.49] 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

SIZE A	CAGE CODE 3FKR5	DRAWN BY A.KRESOWSKI	ITEM NO. FMCN1894	REV A
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