

## QMA Male Right Angle Connector Solder Attachment for FM-SR086ALTN, FM-SR086TB, RG405

RA QMA male connector with solder/solder attachment for FM-SR086ALTN, FM-SR086TB and RG405, part number FMCN1888, from Fairview Microwave is in-stock and ships same day. This QMA male connector operates up to a maximum frequency of 6 GHz and offers excellent VSWR of 1.25:1. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA QMA male connector FMCN1888 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			1.25:1	
Operating Voltage (AC)			250	Vrms
DWV (AC)			750	Vrms

### Mechanical Specifications

<b>Size</b>	
Length	0.71 in [18.03 mm]
Width/Dia.	0.413 in [10.49 mm]
Height	0.5 in [12.7 mm]
Weight	0.015 lbs [6.8 g]
Mating Cycles	100 Cycles

### Material Specifications

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

### Environmental Specifications

#### Temperature

Operating Range -40 to +105 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
- FM-SR086ALTN, FM-SR086TB, RG405 Interface Type
- Solder/Solder Attachment

### Features:

- Operating Frequency of 6 GHz Max.
- Excellent VSWR of 1.25:1
- Gold Plated Brass Contact

### Applications:

- General Purpose Test
- Custom Cable Assemblies

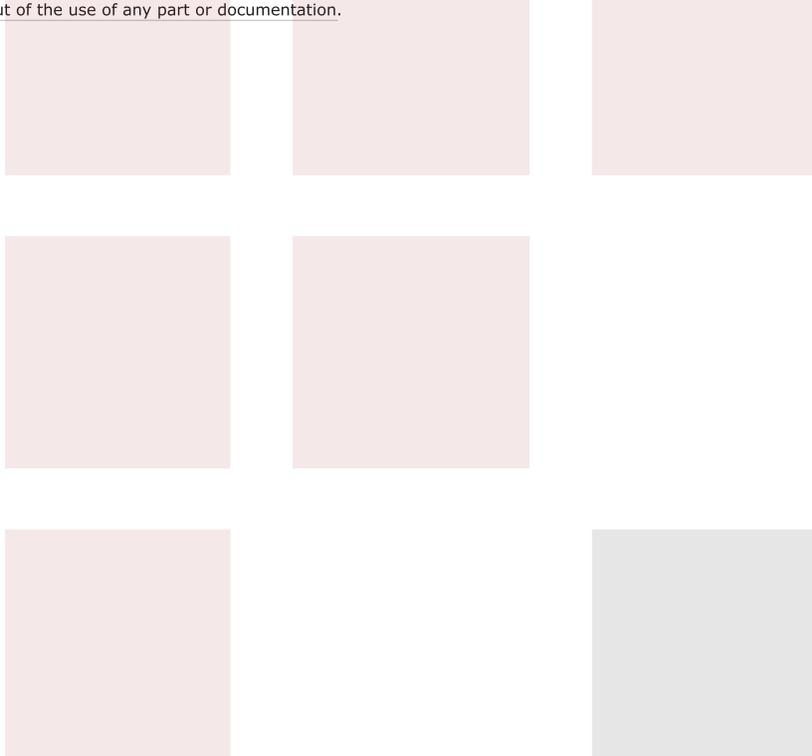
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QMA Male Right Angle Connector Solder Attachment for FM-SR086ALTN, FM-SR086TB, RG405 from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

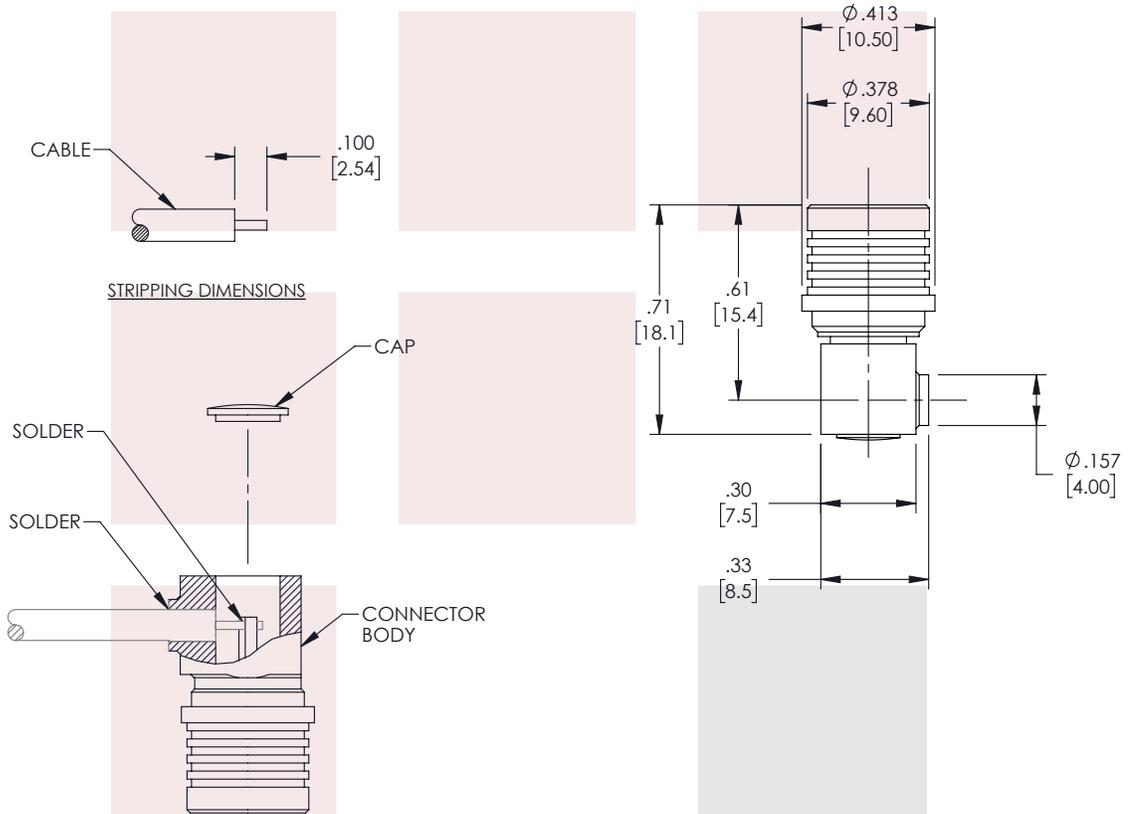
For additional information on this product, please click the following link: [QMA Male Right Angle Connector Solder Attachment for FM-SR086ALTN, FM-SR086TB, RG405 FMCN1888](#)

URL: <https://www.fairviewmicrowave.com/qma-male-fm-sr086altn-fm-sr086tb-rg405-connector-fmcn1888-p.aspx>

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	02/21/2022	AGANWANI



**ASSEMBLY PROCEDURE**

1. STRIP CABLE AS SHOWN AND TIN CENTER CONDUCTOR.
2. SOLDER CENTER CONDUCTOR TO THE CONTACT IN CONNECTOR BODY. SOLDER SHIELD TO BODY AS SHOWN.
3. PRESS CAP INTO PLACE.

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TITLE  
QMA Male Right Angle Connector Solder Attachment  
for FM-SR086ALTN, FM-SR086TB, RG405

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

TOLERANCES:		CABLE LENGTH (L) TOLERANCES:	
.X = ± 2 [5.08]	FRACTIONS ± 1/32	L ≤ 12 [305] = +1 [25] / -0	
.XX = ± 0.2 [5.1]		12 [305] < L ≤ 60 [1524] = +2 [51] / -0	
.XXX = ± 0.005 [1.13]	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	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	AKRESOWSK	FMCN1888	A

T-Rev.D