

## 1.0/2.3 Plug Right Angle Connector Crimp/Solder Attachment For RG316-DS, RG188-DS

RA 1.0/2.3 plug connector with crimp/solder attachment for RG316-DS and RG188-DS, part number FMCN1822, from Fairview Microwave is in-stock and ships same day. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA 1.0/2.3 plug connector FMCN1822 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.

### Mechanical Specifications

#### Size

Length	0.77 in [19.56 mm]
Width/Dia.	0.315 in [8.00 mm]
Height	0.78 in [19.81 mm]
Weight	0.013 lbs [5.9 g]

### Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30µ in. minimum
Insulation	Teflon	
Body	Brass	Nickel 100µ in. minimum
Coupling Nut	Brass	Nickel 100µ in. minimum

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

### Plotted and Other Data

Notes:



### Configuration:

- 1.0/2.3 Plug Connector
- 50 Ohms
- Right Angle Body Geometry
- RG316-DS, RG188-DS Interface Type
- Crimp/Solder Attachment

### Features:

- Gold Plated Brass Contact
- 30µ in. minimum contact plating

### Applications:

- General Purpose Test
- Custom Cable Assemblies

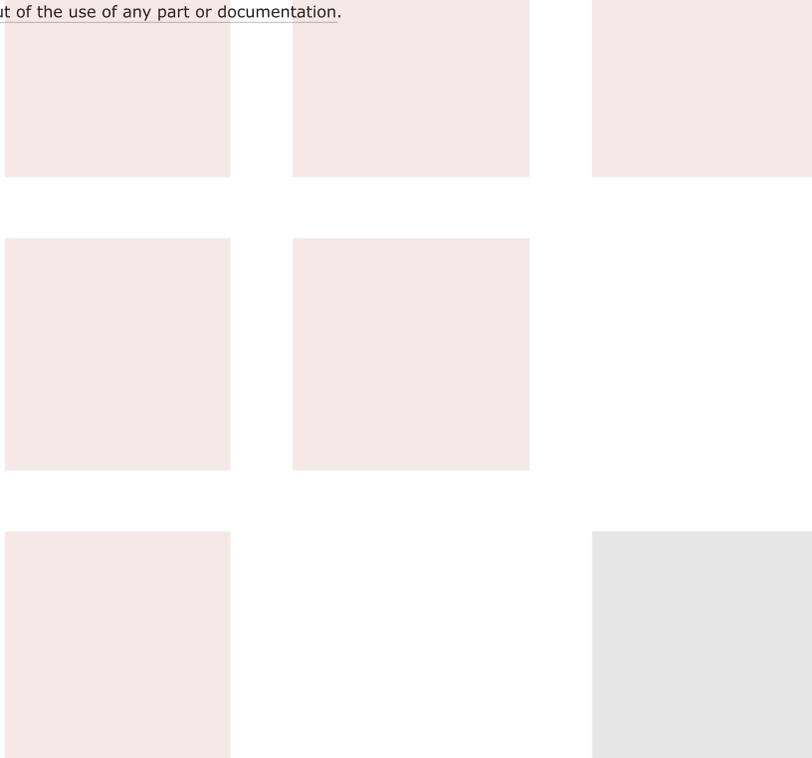
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1.0/2.3 Plug Right Angle Connector Crimp/Solder Attachment For RG316-DS, RG188-DS from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

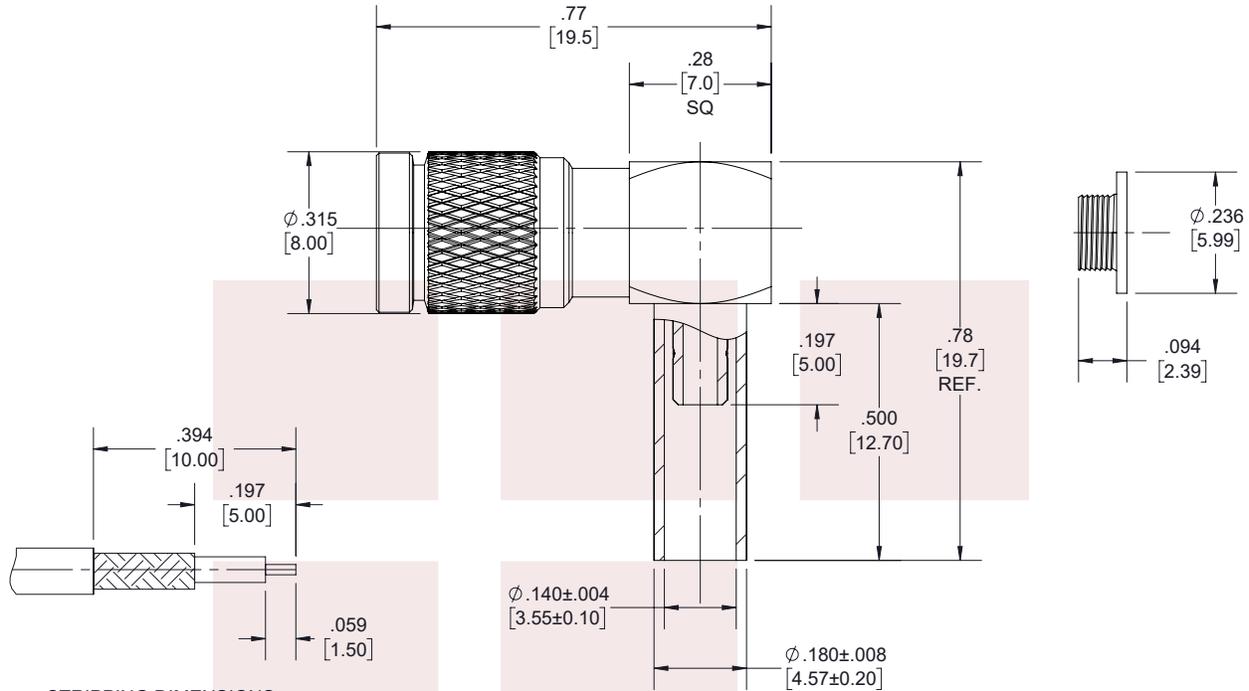
For additional information on this product, please click the following link: [1.0/2.3 Plug Right Angle Connector Crimp/Solder Attachment For RG316-DS, RG188-DS FMCN1822](#)

URL: <https://www.fairviewmicrowave.com/1.0-2.3-plug-rg316-ds-rg188-ds-connector-fmcn1822-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	02/11/2022	A.GANWANI



**STRIPPING DIMENSIONS**

**NOTES:**

- CABLE ATTACHMENT:
  - OUTER: CRIMP.
  - INNER: SOLDER.
- CRIMP SIZE REQUIRED:  
FERRULE: .151" [3.84] HEX. CRIMP TOOL

ASSEMBLY PROCEDURES

- STRIP CABLE AS SHOWN. SLIDE FERRULE OVER CABLE.
- INSTALL CABLE INTO BODY OF CONNECTOR AND SOFT SOLDER CENTER CONDUCTOR IN PLACE.
- CRIMP FERRULE, INSERT INSULATOR AND SCREW CAP.

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<p><b>Fairview Microwave</b> an INFINIT<sup>®</sup> brand</p>	UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS		THIRD-ANGLE PROJECTION 	
	TOLERANCES:		CABLE LENGTH (L) TOLERANCES:	
TITLE  1.0/2.3 Plug Right Angle Connector Crimp/Solder Attachment For RG316-DS, RG188-DS	.X = ±.2 [5.08] FRACTIONS ± 1/32 .XX = ±.02 [.51] ANGLES ± 1° .XXX = ±.005 [.13]		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	
	ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.			
SIZE A	CAGE CODE 3FKR5	DRAWN BY K.GLEBOVA	ITEM NO. FMCN1822	REV A

T-Rev.D