

**TNC Female Connector Crimp/Solder Attachment For
 RG316, RG174 Cable**

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
VSWR			1.3:1	
Operating Voltage (AC)			335	Vrms

Mechanical Specifications

Size	Min	Typ	Max	Units
Length			1.16 in [29.46 mm]	
Width/Dia.			0.571 in [14.50 mm]	
Weight			0.041 lbs [18.6 g]	

Material Specifications

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

Environmental Specifications

Temperature	Min	Typ	Max	Units
Operating Range			-65 to 165 deg C	

Compliance Certifications (visit www.FairviewMicrowave.com for current document)

RoHS Compliant	Yes
REACH Compliant	12/17/2015



Configuration:

- TNC Female Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG316, RG174 Interface Type
- Crimp/Solder Attachment

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Plotted and Other Data

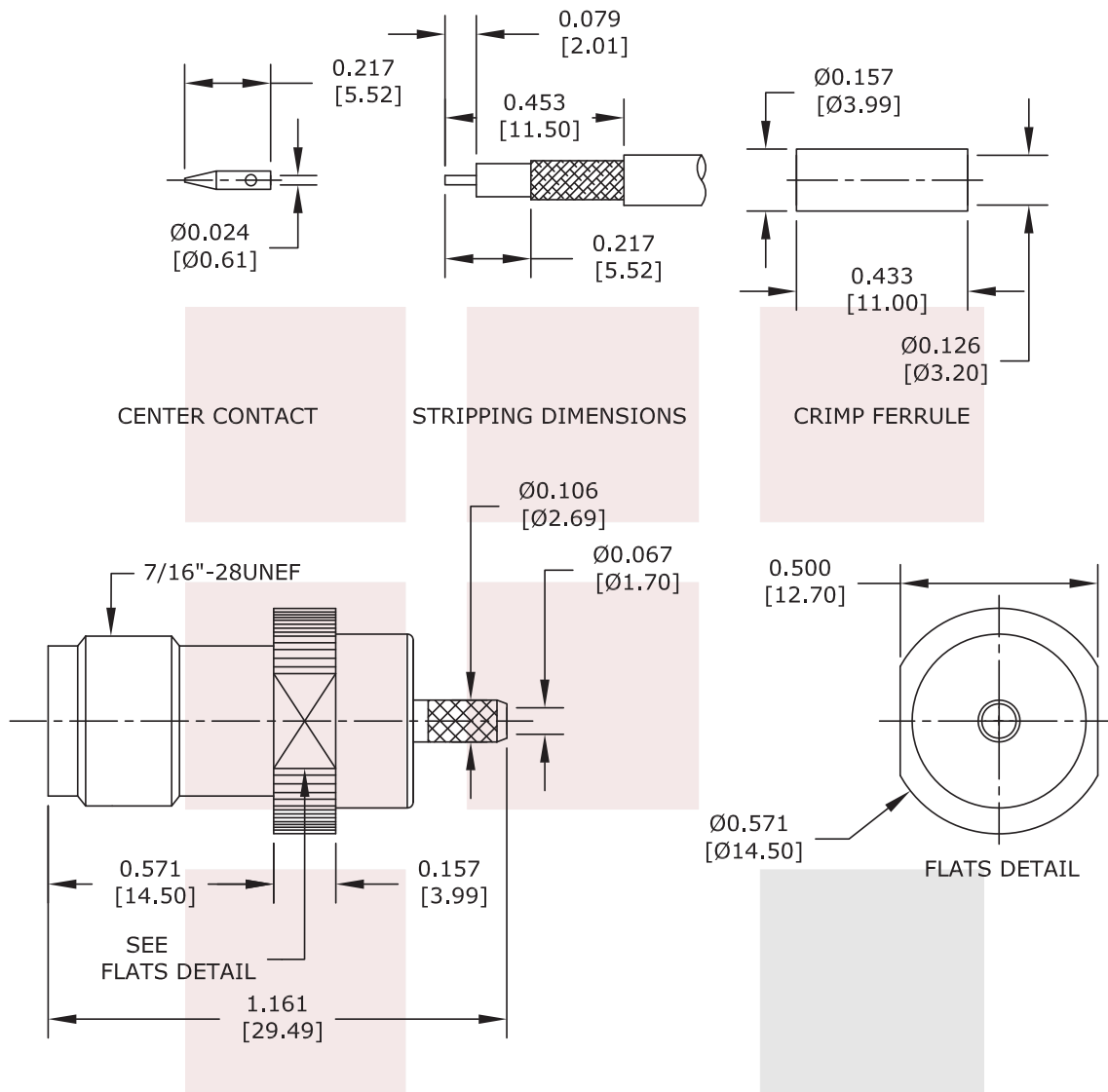
Notes:

TNC Female Connector Crimp/Solder Attachment For RG316, RG174 Cable 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 Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [TNC Female Connector Crimp/Solder Attachment For RG316, RG174 Cable FMC01062](#)

URL: <http://www.fairviewmicrowave.com/tnc-female-rg316-rg174-connector-fmc01062-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.



ASSEMBLY PROCEDURES

1. STRIP CABLE TO THE DIMENSIONS SHOWN, DO NOT NICK CENTER CONDUCTOR OR BRAID.
2. SLIDE FERRULE ONTO CABLE.
3. PUSH CENTER CONDUCTOR FULLY INTO CONTACT AND SOLDER, REMOVE ANY EXCESS SOLDER.
4. FLARE BRAID AND INSERT CONTACT INTO THE BODY UNTIL IT SEATS.
5. SLIDE FERRULE OVER BRAID AND CRIMP WITH .138" [3.5] HEX. CRIMP TOOL.

FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].			
TITLE TNC Female Connector Crimp/Solder Attachment For RG316, RG174 Cable		DWG NO FMC01062		CAGE CODE 3FKR5	
CAD FILE	102715	SHEET	SCALE	N/A	SIZE A 2233