

75 Ohm TNC Male Connector Crimp/Solder Attachment for RG179, RG187, RG316

75 Ohm TNC male connector with crimp/solder attachment for RG179, RG187 and RG316, part number FMCN1729, from Fairview Microwave is in-stock and ships same day. This TNC male connector operates up to a maximum frequency of 2 GHz.

Fairview's 75 ohm TNC male connector FMCN1729 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		2	GHz
Operating Voltage (AC)			500	Vrms
DWV (AC)			1,500	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size	
Length	1.1 in [27.94 mm]
Width/Dia.	0.128 in [3.25 mm]
Height	0.59 in [14.99 mm]
Weight	0.034 lbs [15.42 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 50µ in. minimum
Body	Brass	Nickel 200µ in. minimum
Coupling Nut	Brass	Nickel 200µ in. minimum

Environmental Specifications

Temperature

Operating Range -65 to +125 deg C

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

Plotted and Other Data

Notes:



Configuration:

- TNC Male Connector
- 75 Ohms
- Straight Body Geometry
- RG179, RG187, RG316 Interface Type
- Crimp/Solder Attachment

Features:

- Operating Frequency of 2 GHz Max.
- Gold Plated Brass Contact
- 50µ in. minimum contact plating

Applications:

- General Purpose Test
- Custom Cable Assemblies

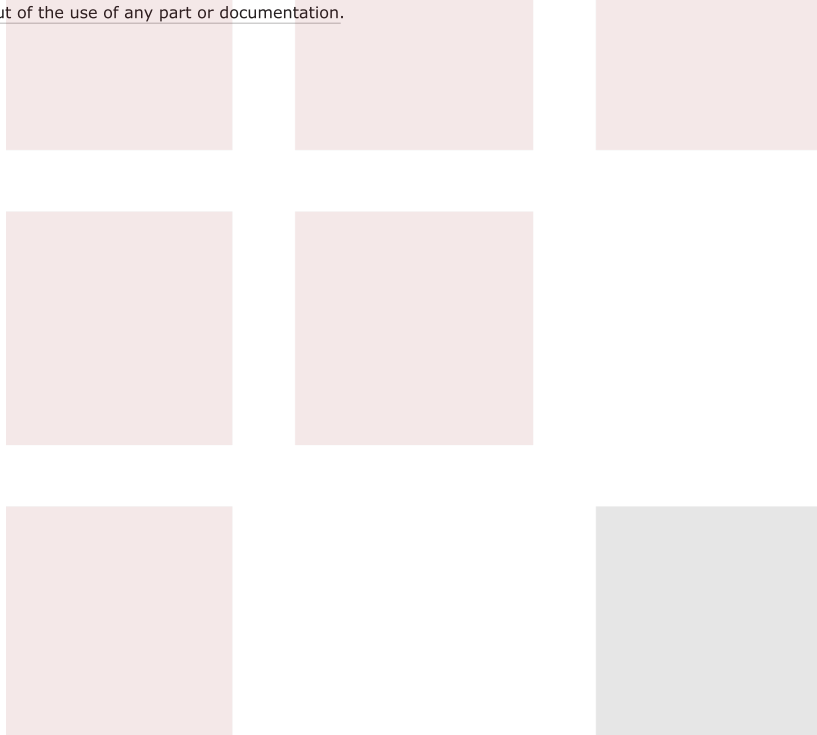
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75 Ohm TNC Male Connector Crimp/Solder Attachment for RG179, RG187, RG316 from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

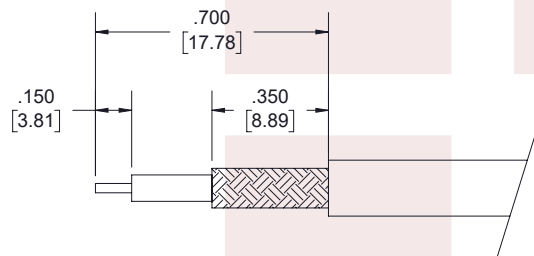
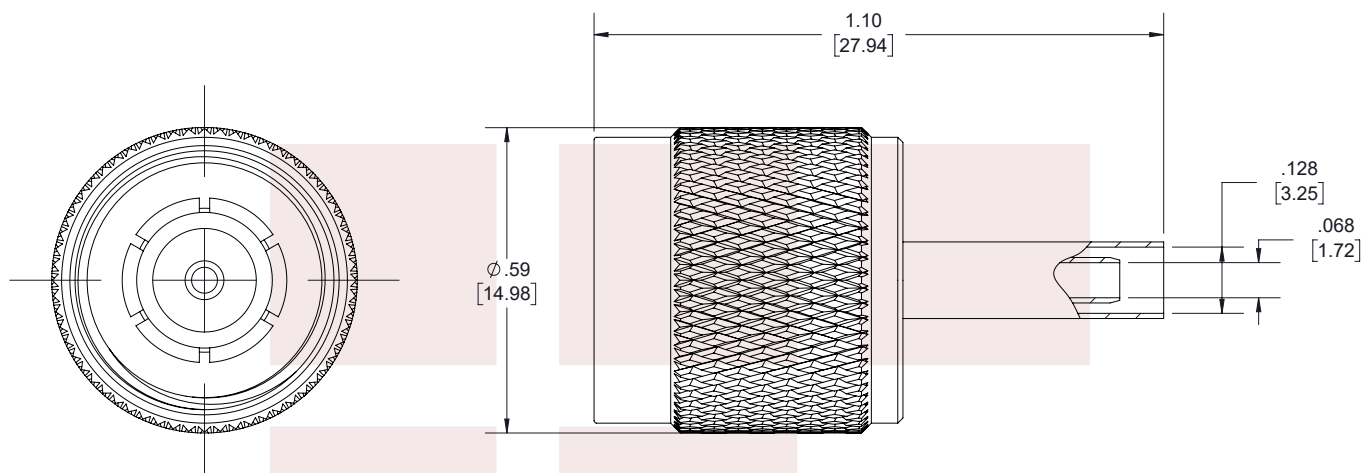
For additional information on this product, please click the following link: [75 Ohm TNC Male Connector Crimp/Solder Attachment for RG179, RG187, RG316 FMCN1729](#)

URL: <https://www.fairviewmicrowave.com/75-Ohm-TNC-Male-Connector-Crimp/Solder-Attachment-for-RG179-RG187-RG316-FMCN1729-p.aspx>

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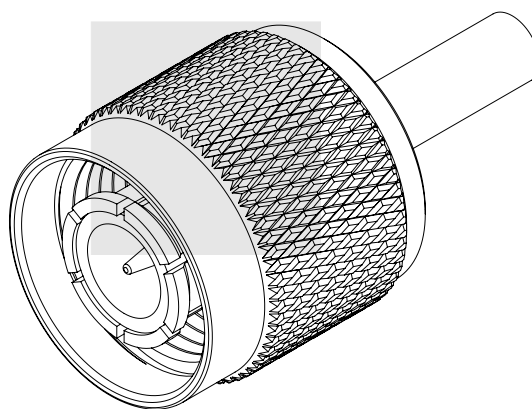
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	08/24/2021	AGANWANI



STRIPPING DIMENSIONS

NOTES:

- CABLE ATTACHMENT:
 - OUTER: CRIMP.
 - CONTACT: SOLDER.
- CRIMP SIZE REQUIRED:
 - FERRULE: .128 [3.25] HEX. CRIMP TOOL.



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TITLE

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Attachment for RG179, RG187, RG316

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



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SHEET 1 OF 1

SCALE N/A

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	MVEERAPPAN	FMCN1729	A

T-Rev.D