

TNC Male (Plug) Connector For 0.240 inch, LMR-240, LMR-240-DB, LMR-240-UF, RG8X, B7808A Cable, Crimp/Crimp

TNC male connector with crimp/crimp attachment for 0.240 inch, LMR-240, LMR-240-DB, LMR-240-UF, RG8X and B7808A, part number SC4272, from Fairview Microwave is in-stock and ships same day. This TNC male connector operates up to a maximum frequency of 7 GHz.

Fairview's TNC male connector SC4272 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		7	GHz
Operating Voltage (AC)			500	Vrms
Insulation Resistance	5,000			MOhms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Freq. Range	DC to 3					GHz
VSWR, Max	1.3:1					

Mechanical Specifications

Size	
Length	0.984 in [24.99 mm]
Width/Dia.	0.57 in [14.48 mm]
Weight	0.0295 lbs [13.38 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 3 µin minimum
Insulation	POM	
Body	Brass	Nickel 100 µin minimum
Coupling Nut	Brass	Nickel 100 µin minimum



Configuration:

- TNC Male Connector
- 50 Ohms
- Straight Body Geometry
- 0.240 inch, LMR-240, LMR-240-DB, LMR-240-UF, RG8X, B7808A Interface Type
- Crimp/Crimp Attachment

Features:

- Operating Frequency of 7 GHz Max.
- Gold Plated Brass Contact
- 3 µin minimum contact plating

Applications:

- General Purpose Test
- Custom Cable Assemblies

Fairview Microwave
 301 Leora Ln., Suite 100
 Lewisville, TX 75056
 Tel: 1-800-715-4396 / (972) 649-6678
 Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:

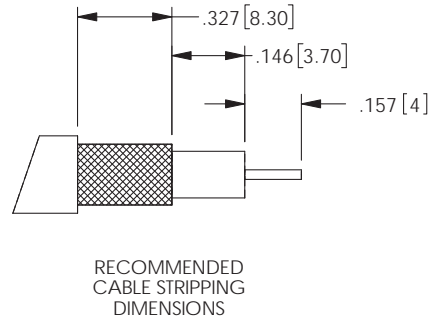
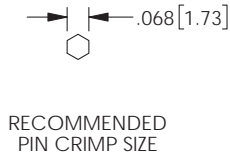
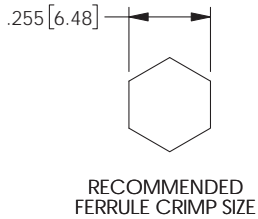
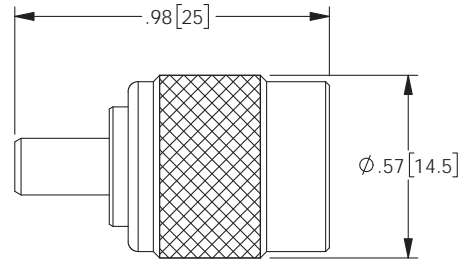
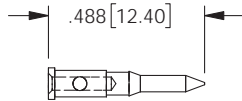
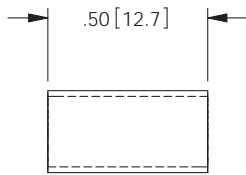
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For additional information on this product, please click the following link: [TNC Male \(Plug\) Connector For 0.240 inch, LMR-240, LMR-240-DB, LMR-240-UF, RG8X, B7808A Cable, Crimp/Crimp SC4272](#)

URL: <https://www.fairviewmicrowave.com/tnc-male-standard-lmr-240-connector-sc4272-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	06/02/2021	SELLIS



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TITLE
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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS		THIRD-ANGLE PROJECTION	
TOLERANCES:		CABLE LENGTH (L) TOLERANCES:	
.X = ± 2 [5.08]	FRACTIONS ± 1/32	L ≤ 12 [305] = +1 [25] / -0	<p>THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF FAIRVIEW MICROWAVE CORPORATION. ALL RIGHTS RESERVED.</p>
.XX = ± 0.2 [5.1]	ANGLES ± 1°	12 [305] < L ≤ 60 [1524] = +2 [51] / -0	
.XXX = ± 0.005 [0.13]		60 [1524] < L ≤ 120 [3048] = +4 [102] / -0	
		120 [3048] < L ≤ 300 [7620] = +6 [152] / -0 300 [7620] < L = +5%L / -0	

SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE N/A

SIZE A	CAGE CODE 3FKR5	DRAWN BY DFRISIELLO	ITEM NO. SC4272	REV A
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