

N Male (Plug) Connector Crimp/Solder Attachment for LMR-240, LMR-240-DB, LMR-240-FR, LMR-240-UF, LMR-LW240, RG8X, TCOM-240, TCOM-240-FR Cable



FMCN5279

Configuration

- N Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: LMR-240, LMR-240-DB, LMR-240-FR, LMR-240-UF, LMR-LW240, RG8X, TCOM-240, TCOM-240-FR

Features

- Operating Frequency of 11 GHz Max.
- Good VSWR of 1.3:1
- Gold Plated Brass Contact
- 30 µin minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Type N Male Standard Connector Crimp/Solder Attachment for LMR-240, LMR-240-DB, LMR-240-FR, LMR-240-UF, LMR-LW240, RG8X, TCOM-240 and TCOM-240-FR Cable, part number FMCN5279, from Fairview Microwave is in-stock and ships same day. This type N male connector operates up to a maximum frequency of 11 GHz and offers good VSWR of 1.3:1.

Fairview's type N male connector FMCN5279 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	Minimum	Typical	Maximum	Units
Frequency Range	DC		11	GHz
VSWR			1.3:1	
Operating Voltage (AC)			1,500	Vrms
Dielectric Withstanding Voltage (AC)			2,500	Vrms
Inner Conductor DC Resistance			1	mOhms
Outer Conductor DC Resistance			1	mOhms
Insulation Resistance	5,000			MOhms
RF Leakage	90			dB
Impedance		50		Ohms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 10					GHz
Insertion Loss, Max	0.15					dB

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Mechanical Specifications

Size	
Length	1.36 in [34.54 mm]
Width	0.83 in [21.08 mm]
Height	0.83 in [21.08 mm]
Weight	0.069 lbs [31.3 g]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 µin minimum
Insulation	PTFE	
Body	Brass	Tri-Metal
Coupling Nut	Brass	Tri-Metal

Environmental Specifications

Temperature	
Operating Range	-65 to +165 deg C
Vibration	MIL-STD-202, Method 204, Condition B
Temperature Cycle	MIL-STD-202, Method 107, Condition B
Salt Spray	MIL-STD-202, Method 101, Condition B

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: [N Male \(Plug\) Connector Crimp/Solder Attachment for LMR-240, LMR-240-DB, LMR-240-FR, LMR-240-UF, LMR-LW240, RG8X, TCOM-240, TCOM-240-FR Cable FMCN5279](#)

URL: <https://www.fairviewmicrowave.com/n-male-lmr-240-lmr-240-db-lmr-240-fr-lmr-240-uf-lmr-lw240-rg8x-tcom-240-tcom-240-fr-connector-fmcn5279-p.aspx>

The information contained within 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 liability arising out of the use of any part or document.

FMCN5279 CAD Drawing

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