

RA N Male Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100 Cable



FMCN5246

Configuration

- N Male Connector
- 50 Ohms
- Right Angle Body Geometry
- Connector Interface Types: RG174, RG316, RG188, .100 inch, LMR-100

Features

- Operating Frequency of 11 GHz Max.
- Excellent VSWR of 1.2:1
- Gold Plated Brass Contact

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

RA type N Male Standard Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch and LMR-100 Cable, part number FMCN5246, 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 excellent VSWR of 1.2:1. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA type N male connector FMCN5246 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			1.2:1	
Operating Voltage (AC)			830	Vrms
Dielectric Withstanding Voltage (AC)			2,500	Vrms
Impedance		50		Ohms

Mechanical Specifications

Size

Length	1.24 in [31.5 mm]
Width	0.8 in [20.32 mm]
Height	1.38 in [35.05 mm]
Weight	0.107 lbs [48.53 g]
Mating Cycles	500 Cycles

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Material Specifications

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

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:

RA N Male Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100 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 Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [RA N Male Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100 Cable FMCN5246](#)

URL: <https://www.fairviewmicrowave.com/n-male-rg174-rg316-rg188-.100-lmr-100-connector-fmcn5246-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.

FMCN5246 CAD Drawing

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