

N Female Bulkhead Connector Solder Attachment for FM-F141, RG402, FM-SR141TB, FM- SR141TBJ, FM-SR141CU-STR Cable



FMCN1602

Configuration

- N Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: FM-F141, RG402, FM-SR141TB, FM-SR141TBJ, FM-SR141CU-STR
- Bulkhead

Features

- Operating Frequency of 18 GHz Max.
- Good VSWR of 1.3:1
- Gold over Nickel Plated Beryllium Copper Contact

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

Description

Type N Female Bulkhead Mount Connector Solder Attachment for FM-F141, RG402, FM-SR141TB, FM-SR141TBJ and FM-SR141CU-STR Cable, part number FMCN1602, from Fairview Microwave is in-stock and ships same day. This type N female connector operates up to a maximum frequency of 18 GHz and offers good VSWR of 1.3:1. Fairview's FMCN1602 bulkhead type N connector enables designers to make external connections on product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Fairview's type N female bulkhead connector FMCN1602 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		18	GHz
VSWR			1.3:1	
Insertion Loss			0.254	dB
Impedance		50		Ohms

Electrical Specification Notes:
IL (typ) = $0.06 \cdot \sqrt{F(\text{GHz})}$

Mechanical Specifications

Size

Length	1.173 in [29.79 mm]
Width	0.866 in [22 mm]
Height	0.866 in [22 mm]
Weight	0.082 lbs [37.19 g]
Mating Cycles	500 Cycles

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Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold over Nickel
Insulation	PTFE	
Outer Conductor	Brass	Nickel
Body	Brass	Nickel
Washer	Passivated Stainless Steel	

Environmental Specifications

Temperature

Operating Range -40 to +150 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: [N Female Bulkhead Connector Solder Attachment for FM-F141, RG402, FM-SR141TB, FM-SR141TBJ, FM-SR141CU-STR Cable FMCN1602](#)

URL: <https://www.fairviewmicrowave.com/product/rf-connectors/n-female-fm-f141-rg402-fm-sr141tb-fm-sr141tbj-fm-sr141cu-str-connector-fmcn1602>

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FMCN1602 CAD Drawing

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