

7/16 DIN Female Low PIM Connector Solder Attachment 4 Hole Flange for FM-SR141ALTN-COIL, FM-SR141CU- COIL, FM-SR141TB, FM-SR141TBJ Cable

FMCN45989



Configuration

- 7/16 DIN Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: FM-SR141ALTN-COIL, FM-SR141CU-COIL, FM-SR141CUTN-COIL, FM-SR141TB, FM-SR141TBJ
- 4 Hole Flange
- Low PIM Design

Features

- Operating Frequency of 6 GHz Max.
- Silver Plated Bronze Contact
- Max of VSWR 1.1:1 at 1GHz, Max of VSWR 1.25:1 at 3GHz, Max of VSWR 1.35:1 at 6GHz
- PIM is less than -160dBc at 1.8GHz typical

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Wireless Communications
- Custom Cable Assemblies
- Low PIM Applications

Description

7/16 DIN Female 4 hole Flange Mount Low PIM 4 hole Flange Mount Connector Solder/Solder Attachment for FM-SR141ALTN-COIL, FM-SR141CU-COIL, FM-SR141CUTN-COIL, FM-SR141TB and FM-SR141TBJ Cable, part number FMCN45989, from Fairview Microwave is in-stock and ships same day. This 7/16 DIN female connector operates up to a maximum frequency of 6 GHz. Fairview's FMCN45989 4 hole flange 7/16 DIN 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 7/16 DIN female 4 hole flange connector FMCN45989 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		6	GHz
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Impedance		50		Ohms

Mechanical Specifications

Size

Length	1.519685 in [38.6 mm]
Width	1.259843 in [32.00 mm]
Height	1.259843 in [32 mm]
Weight	0.25168 lbs [114.16 g]

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Material Specifications

Description	Material	Plating
Contact	Bronze	Silver
Insulation	PTFE	
Outer Conductor	Brass	Tri-Metal
Body	Brass	Tri-Metal

Environmental Specifications

Temperature

Operating Range -40 to +155 deg C

Environmental Specification Notes:
IEC 61169-4

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: [7/16 DIN Female Low PIM Connector Solder Attachment 4 Hole Flange for FM-SR141ALTN-COIL, FM-SR141CU-COIL, FM-SR141TB, FM-SR141TBJ Cable FMCN45989](#)

URL: <https://www.fairviewmicrowave.com/7-16-din-female-fm-sr141altn-coil-fm-sr141cu-coil-fm-sr141cutn-coil-fm-sr141tb-fm-sr141tbj-connector-fmcn45989-p.aspx>

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FMCN45989 CAD Drawing

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