

7/16 DIN Female Low PIM Connector Solder Attachment 4 Hole Flange for SPF-250, SPO-250, SPP-250- LLPL, FM-1/4SFHC, 1/4" Superflexible Cable



FMCN45990

Configuration

- 7/16 DIN Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: SPF-250, SPO-250, SPP-250-LLPL, FM-1/4SFHC, 1/4" Superflexible
- 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 SPF-250, SPO-250, SPP-250-LLPL, FM-1/4SFHC and 1/4" Superflexible Cable, part number FMCN45990, 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 FMCN45990 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 FMCN45990 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	0.24992 lbs [113.36 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

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

Plotted and Other Data

Notes:

7/16 DIN Female Low PIM Connector Solder Attachment 4 Hole Flange for SPF-250, SPO-250, SPP-250-LLPL, FM-1/4SFHC, 1/4" Superflexible 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: [7/16 DIN Female Low PIM Connector Solder Attachment 4 Hole Flange for SPF-250, SPO-250, SPP-250-LLPL, FM-1/4SFHC, 1/4" Superflexible Cable FMCN45990](#)

URL: <https://www.fairviewmicrowave.com/7-16-din-female-spf-250-spo-250-spp-250-llpl-fm-1-4sfhc-1-4-inch-superflexible-connector-fmcn45990-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.

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