

4.3-10 Female (Jack) Low PIM Connector for FM-1/4SFHC, SPP-250-LLPL, SPO-250, SPF-250 Cable, Solder



FMCN1696

Configuration

- 4.3-10 Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: FM-1/4SFHC, SPP-250-LLPL, SPO-250, SPF-250
- Low PIM Design

Features

- Operating Frequency of 6 GHz Max.
- PIM levels better than -160 dBc
- Silver Plated Bronze Contact

Applications

- General Purpose Test
- Wireless Communications
- Custom Cable Assemblies
- Low PIM Applications

Description

4.3-10 Female Low PIM Connector Solder/Solder Attachment for FM-1/4SFHC, SPP-250-LLPL, SPO-250 and SPF-250 Cable, part number FMCN1696, from Fairview Microwave is in-stock and ships same day. This 4.3-10 female connector operates up to a maximum frequency of 6 GHz. The 4.3-10 female connector also has low passive intermodulation (PIM) of -160 dBc.

Fairview's 4.3-10 female connector FMCN1696 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
Passive Intermodulation			-160	
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Impedance		50		Ohms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 3	3 to 6				GHz
VSWR, Max	1.2:1	1.35:1				

Mechanical Specifications

Size

- Length 1.2 in [30.48 mm]
- Width 0.8 in [20.32 mm]
- Weight 0.08 lbs [36.29 g]

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Material Specifications

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

Mechanical Specification Notes:
Interface Conforms to IEC 61169-54

Environmental Specifications

Temperature
Operating Range -40 to +155 deg C

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

Plotted and Other Data

Notes:

4.3-10 Female (Jack) Low PIM Connector for FM-1/4SFHC, SPP-250-LLPL, SPO-250, SPF-250 Cable, Solder 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.

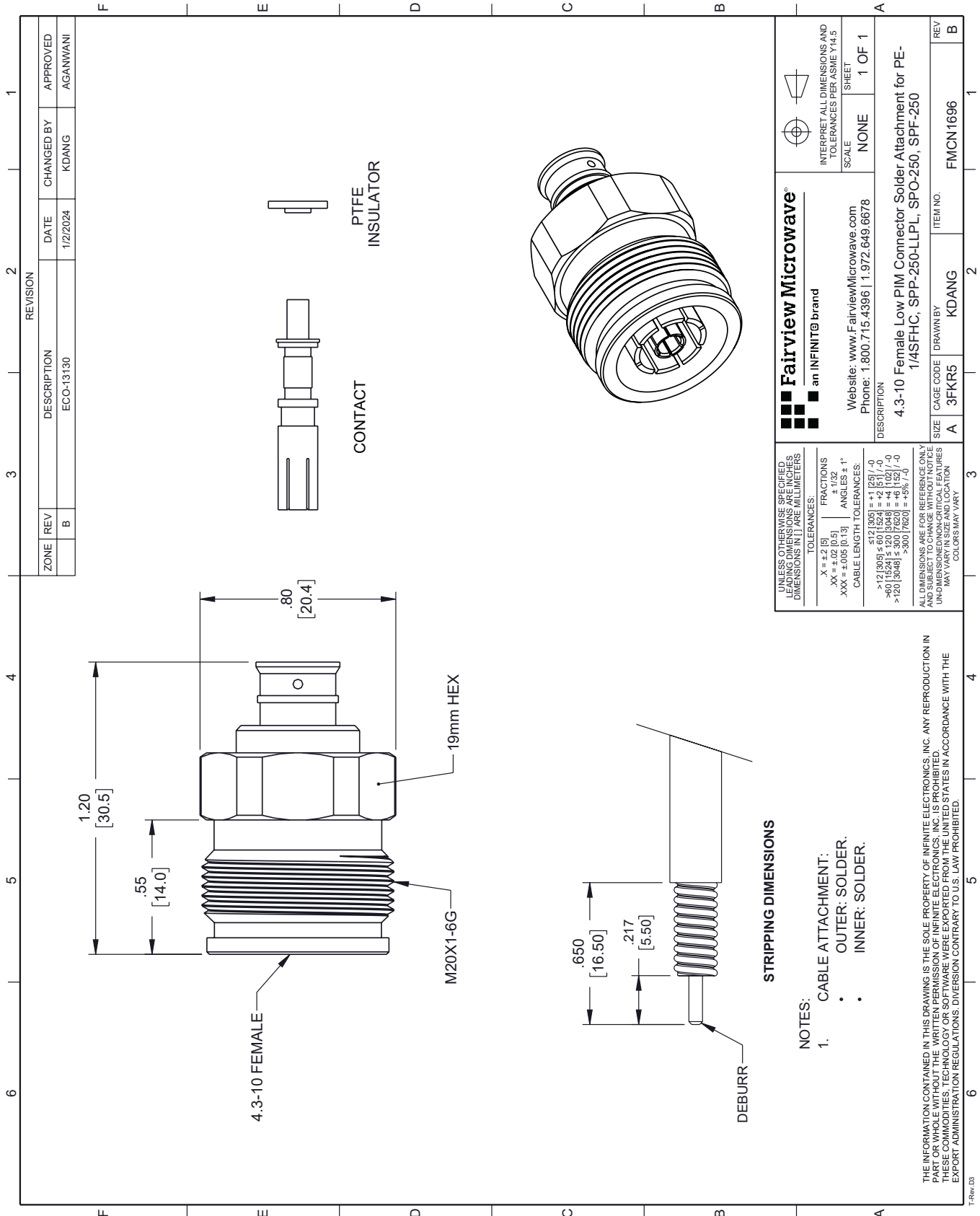
For additional information on this product, please click the following link: [4.3-10 Female \(Jack\) Low PIM Connector for FM-1/4SFHC, SPP-250-LLPL, SPO-250, SPF-250 Cable, Solder FMCN1696](#)

URL: <https://www.fairviewmicrowave.com/4.3-10-female-spp-250-llpl-spo-250-spf-250-connector-fmcn1696-p.aspx>

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FMCN1696 CAD Drawing

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STRIPPING DIMENSIONS

- NOTES:
- CABLE ATTACHMENT:
 - OUTER: SOLDER.
 - INNER: SOLDER.

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