

VITA 67.3 Full Detent SMPS Male to Smooth Bore SMPS Male Adapter

Fairview Microwave's FMCN49830 precision SMPS male to SMPS male VITA 67.3 plug-in adapter is part of our full line of RF components available for same-day shipping. Our SMPS male to SMPS male adapter has a male to male gender configuration built of durable stainless steel in a precision design. FMCN49830 SMPS male to SMPS male adapter operates to 40 GHz. The Fairview Microwave RF adapter provides excellent VSWR of 1.35 maximum.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Fairview Microwave also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.



Configuration:

- Full Detent SMPS Male Connector 1
- Smooth Bore SMPS Male Connector 2
- 50 Ohm
- VITA 67.3 Design
- Straight Body Geometry

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		40	GHz
VSWR			1.35:1	

Features:

- VSWR of 1.35:1 max up to 40 GHz
- Gold Plated Beryllium Copper Contact

Mechanical Specifications

Size	
Length	0.32 in [8.13 mm]
Width	0.13 in [3.30 mm]
Height	0.13 in [3.30 mm]
Weight	0.00 lbs [0.27 g]

Applications:

- General Purpose Test
- Allows Connection In Series

Description	Connector 1	Connector 2
Type	SMPS Male	SMPS Male
Connection Method	Full Detent	Smooth Bore
Polarity	Standard	Standard
Mating Cycles, Min	100	500

Material Specifications

Description	Connector 1	Connector 2
Type	SMPS Male	SMPS Male
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Gold	Gold
Insulation Material	PTFE	PTFE
Outer Contact Material	Passivated Stainless Steel	Passivated Stainless Steel
Body Material	Passivated Stainless Steel	Passivated Stainless Steel

Environmental Specifications

Temperature	
Operating Range	-65 to +165 deg C

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Humidity	MIL-STD-202, Method 106, Less Step 7B
Shock	MIL-STD-202, Method 213, Condition I
Vibration	MIL-STD-202, Method 204, Condition D
Thermal Shock	MIL-STD-202, Method 107, Condition B

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

Plotted and Other Data

Notes:

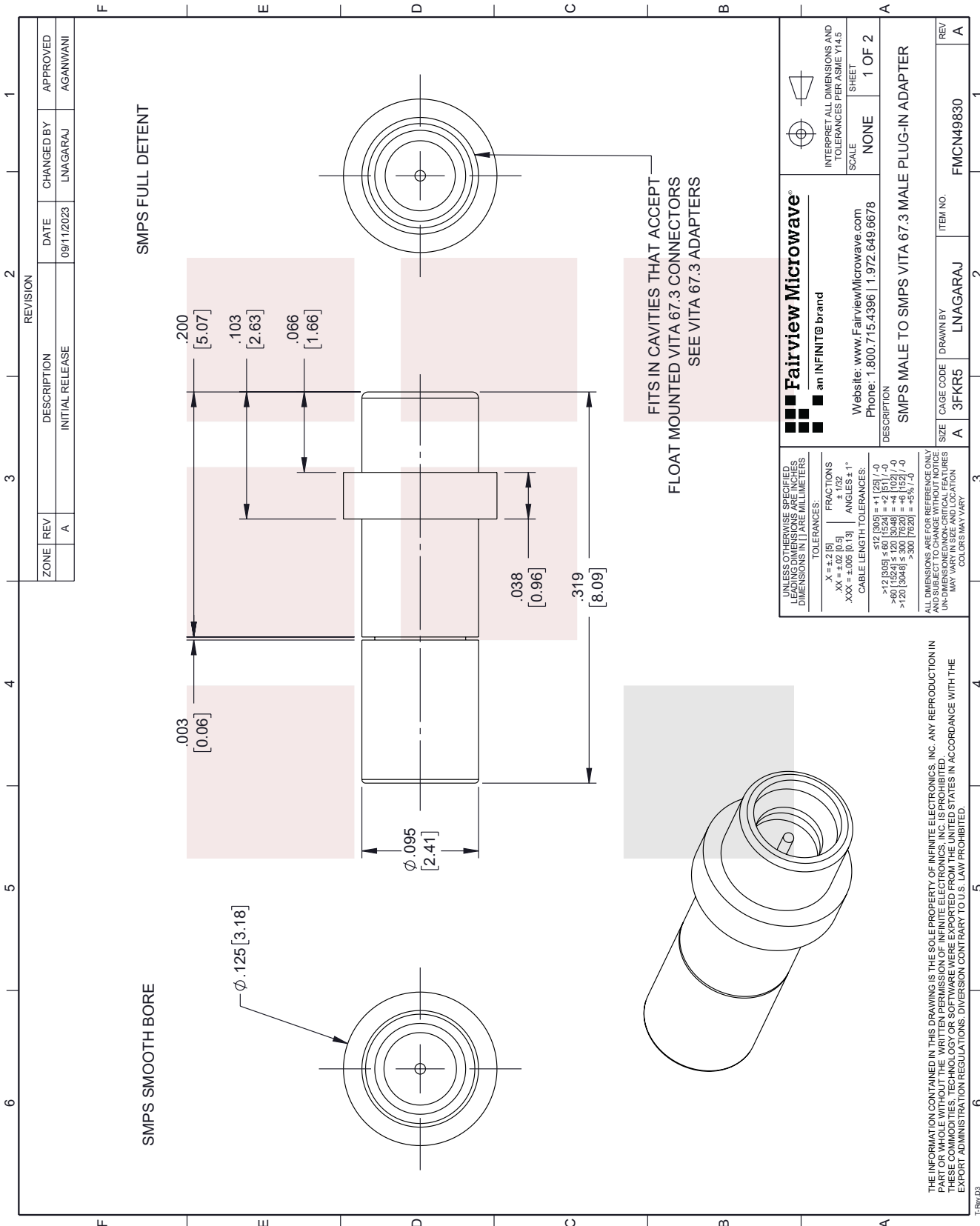
- FMCN49830 works with FMCN49832 SMPS VITA 67.3 12 Port Plug-In Module D and FMCN49834 Mini SMP VITA 67.3 19 Port Plug-In Module C

VITA 67.3 Full Detent SMPS Male to Smooth Bore SMPS Male Adapter 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: [VITA 67.3 Full Detent SMPS Male to Smooth Bore SMPS Male Adapter FMCN49830](#)

URL: <https://www.fairviewmicrowave.com/vita-67.3-full-detent-smps-male-to-smooth-bore-smps-male-adapter-fmcn49830-p.aspx>

The information contained in 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 any liability arising out of the use of any part or documentation.



REVISION		DATE	CHANGED BY	APPROVED
ZONE	REV	DESCRIPTION	INITIAL RELEASE	
	A			AGANWANI

<p>Fairview Microwave an INFINIT[®] brand</p> <p>Website: www.FairviewMicrowave.com Phone: 1.800.715.4396 1.972.649.6678</p>	<p>INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5</p>
	<p>SCALE: NONE</p> <p>SHEET: 1 OF 2</p>
<p>DESCRIPTION: SMPS MALE TO SMPS VITA 67.3 MALE PLUG-IN ADAPTER</p>	
<p>UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE INCHES AND TRAILING DIMENSIONS ARE MILLIMETERS</p> <p>TOLERANCES: .X = ±.2 [5] .XX = ±.02 [0.5] .XXX = ±.005 [0.13] FRACTIONS: ± 1/32 ANGLES: ± 1° CABLE LENGTH TOLERANCES: >12 [305] ≤ 60 [1524] = ±.01 [0.25] >6 [152] ≤ 300 [7620] = ±.01 [0.25] >120 [3048] ≤ 300 [7620] = ±.01 [0.25] >300 [7620] = ±.01 [0.25]</p>	<p>REV: A</p> <p>ITEM NO: FMCN49830</p>

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