

Low PIM N Male to N Female Adapter Low VSWR

Configuration

Connector 1	N Male
Connector 2	N Female
Impedance	50 Ohms
Adapter Design	Low PIM
Body Style	Straight

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		12.4	GHz
VSWR			1.35:1	
Passive Intermodulation			-165	
Dielectric Withstanding Voltage (AC)			2,500	Vrms

Mechanical Specifications

Size	
Length	1.68 in [42.67 mm]
Width	0.812 in [20.62 mm]
Weight	0.12 lbs [54.43 g]

Description	Connector 1	Connector 2
Type	N Male	N Female
Polarity	Standard	Standard
Interface Specification	MIL-STD-348	MIL-STD-348
Mating Cycles	500	500
Hex Size	21 mm	
Mating Torque, Max	15 in-lbs [1.7 Nm]	

Material Specifications

Description	Connector 1	Connector 2
Type	N Male	N Female
Contact Material and Plating	Brass, Silver	Beryllium Copper, Silver
Contact Plating Specification	200 [5] μ in. [μ m] minimum	200 [5] μ in. [μ m] minimum
Insulation Material	PTFE	PTFE
Body Material and Plating	Brass, Tri-Metal	Brass, Tri-Metal
Body Plating Specification	100 [2.54] μ in. [μ m] minimum	100 [2.54] μ in. [μ m] minimum
Coupling Nut Material and Plating	Brass, Tri-Metal	
Coupling Nut Plating Specification	100 [2.54] μ in. [μ m] minimum	

Environmental Specifications

Temperature	
Operating Range	-65 to 165 deg C



Features:

- PIM levels < -165 dBc
- Low VSWR levels up to 8GHz
- 4-hole flange and bulkhead mount styles available
- Available in various connector combinations including 7/16 DIN in-series, Type N in-series, and 7/16 DIN to Type N and SMA between series
- Tri-metal coating provides a durable surface with good corrosion protection abrasion resistance and superior electrical contact properties.
- Ideal choice for use in portable PIM testing applications

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Compliance Certifications (visit www.FairviewMicrowave.com for current document)

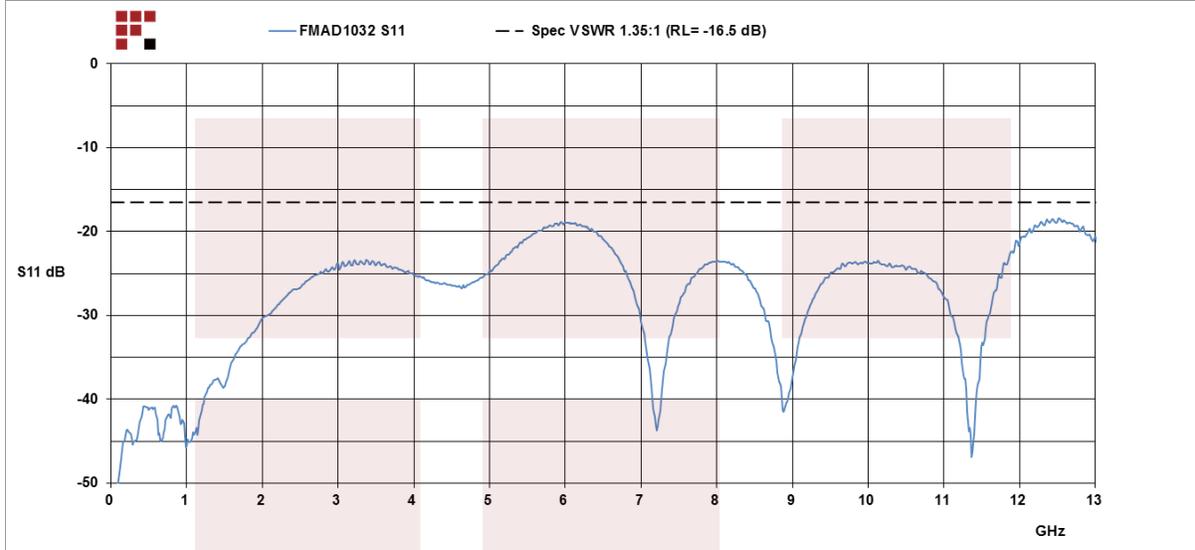
RoHS Compliant
 REACH Compliant

06/16/2014

Plotted and Other Data

Notes:

Typical Performance Data

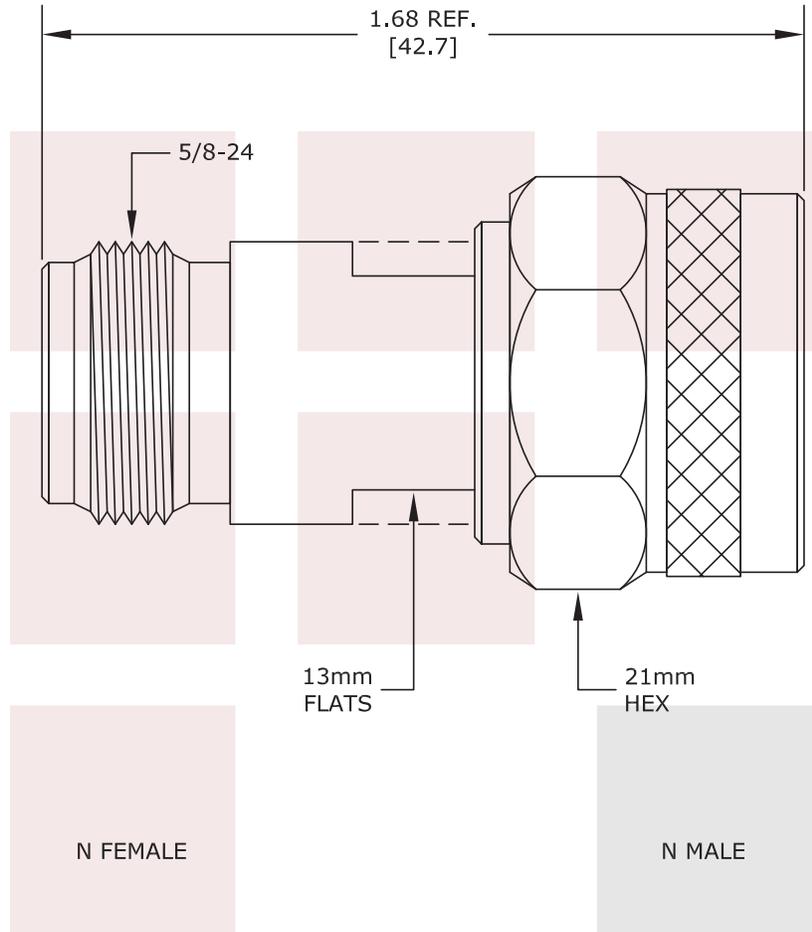


Low PIM N Male to N Female Adapter Low VSWR from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Low PIM N Male to N Female Adapter Low VSWR FMAD1032](http://www.fairviewmicrowave.com/low-pim-n-male-n-female-adapter-fmad1032-p.aspx)

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TITLE Low PIM N Male to N Female Adapter Low VSWR		DWG NO FMAD1032		CAGE CODE 3FKR5	
CAD FILE	120914	SHEET		SCALE	N/A
		SIZE	A		2233