Fairview Microwave
an INFINITE brand

FMAD1564
DATA SHEET

Miter RA 2.92mm Male to SMA Female Adapter with Passivated Stainless Steel Body, DC to 27 GHz

Miter RA 2.92mm male to SMA female adapter part number FMAD1564 from Fairview Microwave is in-stock and ships same day. This Fairview 2.92mm to SMA adapter has a male to female gender configuration and is built of durable stainless steel. FMAD1564 2.92mm male to SMA female adapter operates to 27 GHz. The Fairview Microwave RF adapter provides excellent VSWR of 1.2:1 maximum. The 2.92mm connector mates mechanically with commercially available SMA and 3.5mm connectors. This miter right angle 2.92mm to SMA adapter allows for easier connections in tight spaces.

RF adapters can be used to enable connections between two connector types that would otherwise not mate. Certain RF adapter configurations can also be used to protect connectors on expensive equipment where the number of connect and 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:

- 2.92mm Male Connector 1
- SMA Female Connector 2
- 50 Ohm
- Miter Right Angle Body Geometry

Features:

- VSWR of 1.2:1 max up to 27 GHz
- Gold over Nickel Plated Beryllium Copper Contact

Applications:

- Enables Between Series Connections
- General Purpose Test

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		27	GHz
VSWR			1.2:1	

Mechanical Specifications

Size

Length	0.680 in [17.3 mm]
Width	0.32 in [8.13 mm]
Height	0.63 in [16 mm]
Weight	0.023 lbs [10.43 g]

Description	Connector 1	Connector 2
Type	2.92mm Male	SMA Female
Polarity	Standard	Standard
Mating Cycles	500	500
Hex Size	5/16 in.	

Material Specifications

Description	Connector 1	Connector 2
Type	2.92mm Male	SMA Female
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Gold over Nickel	Gold over Nickel
Insulation Material	Oxide-Noryl	Oxide-Noryl
Outer Contact Material		Passivated Stainless Steel
Body Material	Passivated Stainless Steel	Passivated Stainless Steel
Coupling Nut Material	Passivated Stainless Steel	

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Compliance Certifications (see product page for current document)

Plotted and Other Data

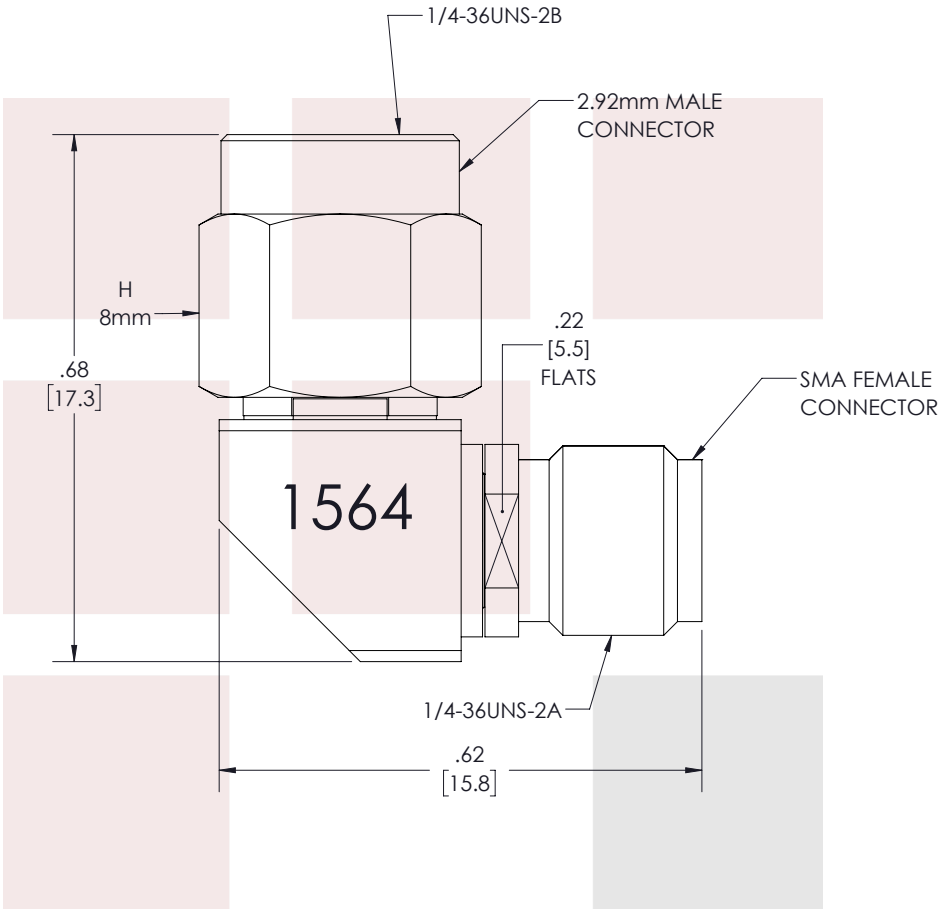
Notes:

Miter RA 2.92mm Male to SMA Female Adapter with Passivated Stainless Steel Body, DC to 27 GHz 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: Miter RA 2.92mm Male to SMA Female Adapter with Passivated Stainless Steel Body, DC to 27 GHz FMAD1564

URL: https://www.fairviewmicrowave.com/2.92-male-sma-female-right-angle-adapter-fmad1564-p.aspx

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	07/27/2022	AGANWANI



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TITLE

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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

.X = ±.2 [5.08] FRACTIONS
.XX = ±.02 [.51] ± 1/32
.XXX = ±.005 [.13] ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5%L / -0

THIRD-ANGLE PROJECTION

SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE N/A

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	BPUCHASKI	FMAD1564	A

T-Rev.D