

Radius RA SMA Female to SMA Female Adapter with Passivated Stainless Steel Body

Radius RA SMA female to SMA female adapter part number FMAD1194 from Fairview Microwave is in-stock and ships same day. This Fairview SMA to SMA adapter has a female to female gender configuration and is built of durable stainless steel. FMAD1194 SMA female to SMA female adapter operates to 18 GHz. The Fairview Microwave RF adapter provides excellent VSWR of 1.25:1 maximum. The SMA connector mates mechanically with commercially available 3.5mm and 2.92mm (K) connectors. This radius right angle 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.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		18	GHz
VSWR			1.25:1	

Electrical Specification Notes:
Values at 25°C, sea level.

Mechanical Specifications

Size	
Length	0.483 in [12.3 mm]
Height	0.46 in [11.68 mm]

Description	Connector 1	Connector 2
Type	SMA Female	SMA Female
Polarity	Standard	Standard
Interface Specification	MIL-STD 348	MIL-STD 348

Material Specifications

Description	Connector 1	Connector 2
Type	SMA Female	SMA Female
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Gold	Gold
Contact Plating Spec.	30 µin	30 µin
Insulation Material	PTFE	PTFE
Outer Contact Material	Passivated Stainless Steel	Passivated Stainless Steel
Body Material	Passivated Stainless Steel	Passivated Stainless Steel



Configuration:

- SMA Female Connector 1
- SMA Female Connector 2
- 50 Ohm
- Radius Right Angle Body Geometry

Features:

- VSWR of 1.25:1 max up to 18 GHz
- SMA interface meets MIL-STD 348
- 30 µin contact plating
- Gold Plated Beryllium Copper Contact

Applications:

- General Purpose Test

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

Plotted and Other Data

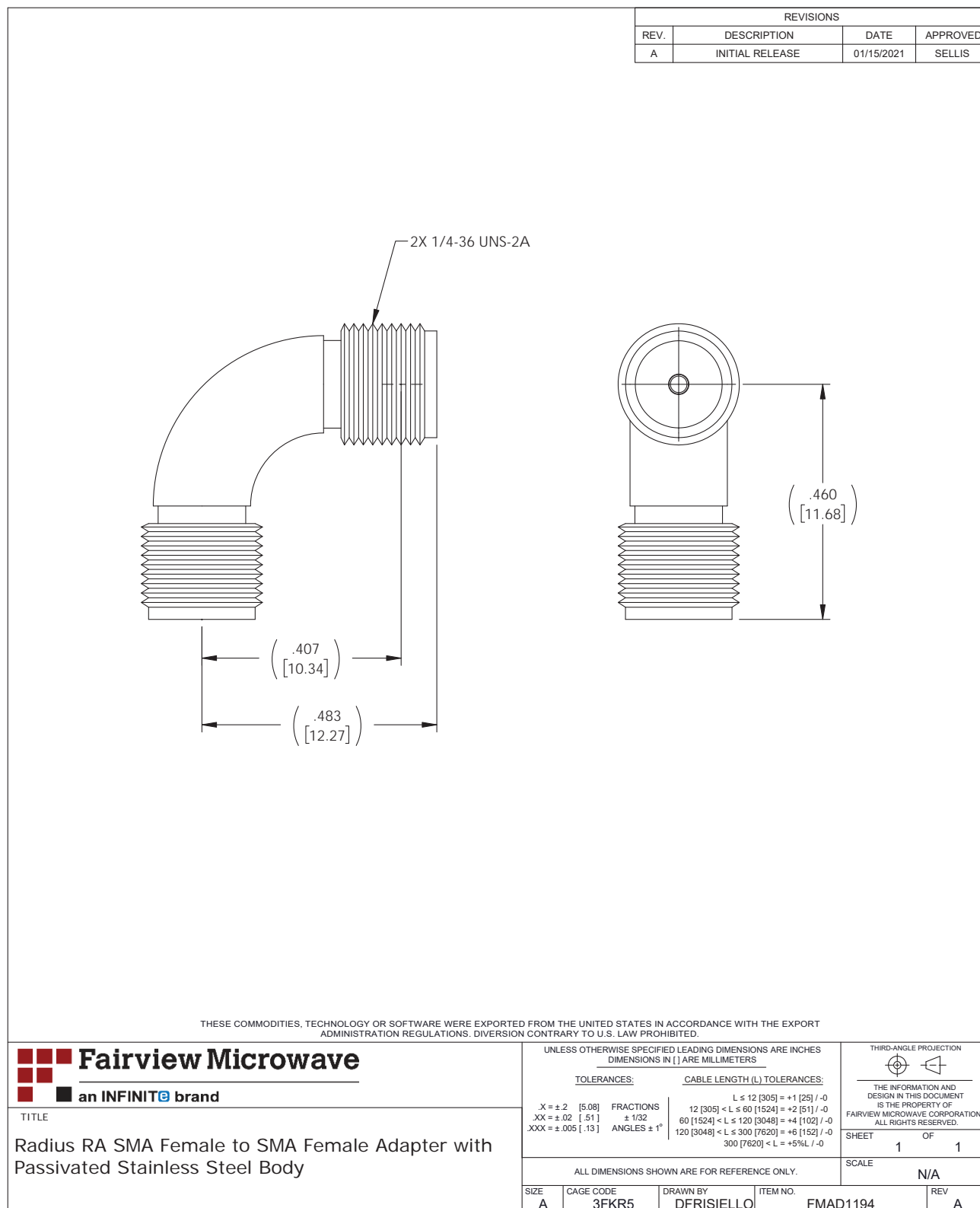
Notes:

Radius RA SMA Female to SMA Female Adapter with Passivated Stainless Steel Body 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: [Radius RA SMA Female to SMA Female Adapter with Passivated Stainless Steel Body FMAD1194](#)

URL: <https://www.fairviewmicrowave.com/radius-ra-sma-female-sma-female-adapter-fmad1194-p.aspx>

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