COAXIAL

Adapter

24F-35F+

50Ω DC to 34.5 GHz 2.4 mm-Female to 3.5 mm-Female

KEY FEATURES

- Ultra-Wideband, DC to 34.5 GHz
- Low Insertion Loss, 0.10 dB Typ.
- Excellent VSWR, 1.07:1 Typ.
- Straight Body

Generic photo used for illustration purposes only

PRODUCT OVERVIEW

Mini-Circuits' 24F-35F+ is a coaxial 2.4 mm-Female to 3.5 mm-Female adapter supporting a wide range of applications from DC to 34.5 GHz. This model provides excellent VSWR and low insertion loss versus frequency. The 24F-35F+ features passivated stainless-steel construction and measures only 0.83" in length. These adapters are used to enable connections between connector types that would otherwise not mate.

ELECTRICAL SPECIFICATIONS[1] AT +25 °C

Parameter	Frequency (GHz)	Min.	Typ.	Max.	Units
Frequency Range		DC		34.5	GHz
Insertion Loss	DC-26.5	-	0.08	0.45	dB
	26.5-34.5	-	0.16	0.45	
VSWR	DC-26.5	-	1.05	1.25	:1
	26.5-34.5	-	1.16	1.33	

1. Specifications are tested to minimum frequency of 0.01 GHz.

ABSOLUTE MAXIMUM RATINGS[2]

Operating Case Temperature	-45 °C to +125 °C
Storage Temperature	-45 °C to +125 °C

2. Permanent damage may occur if any of these limits are exceeded.

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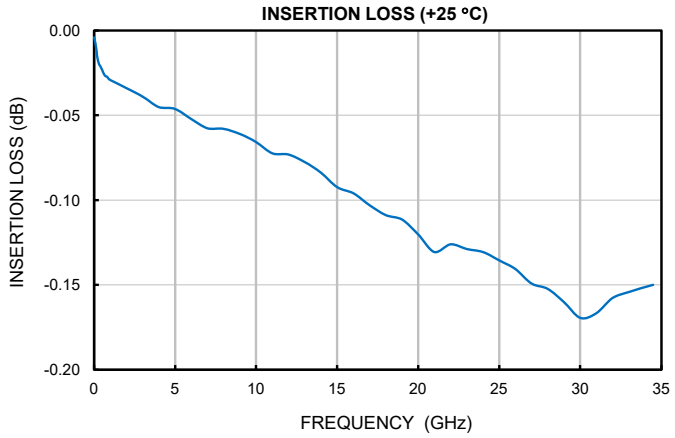
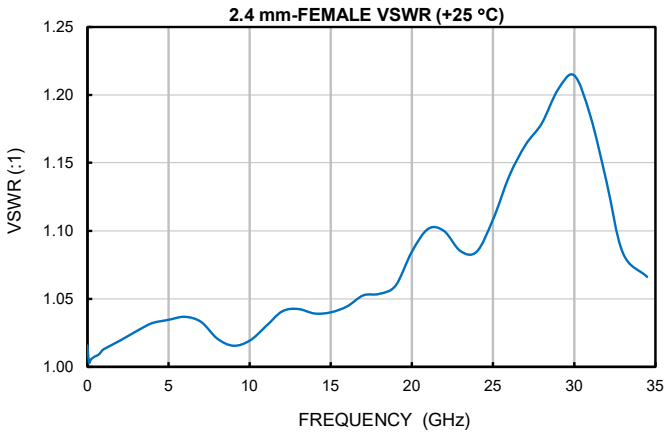
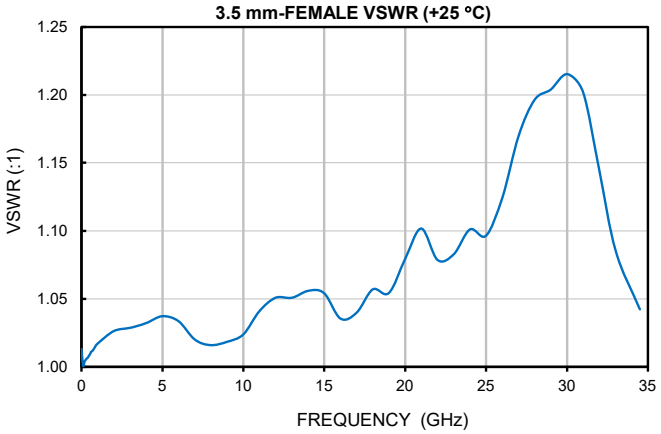
TYPICAL PERFORMANCE GRAPHS







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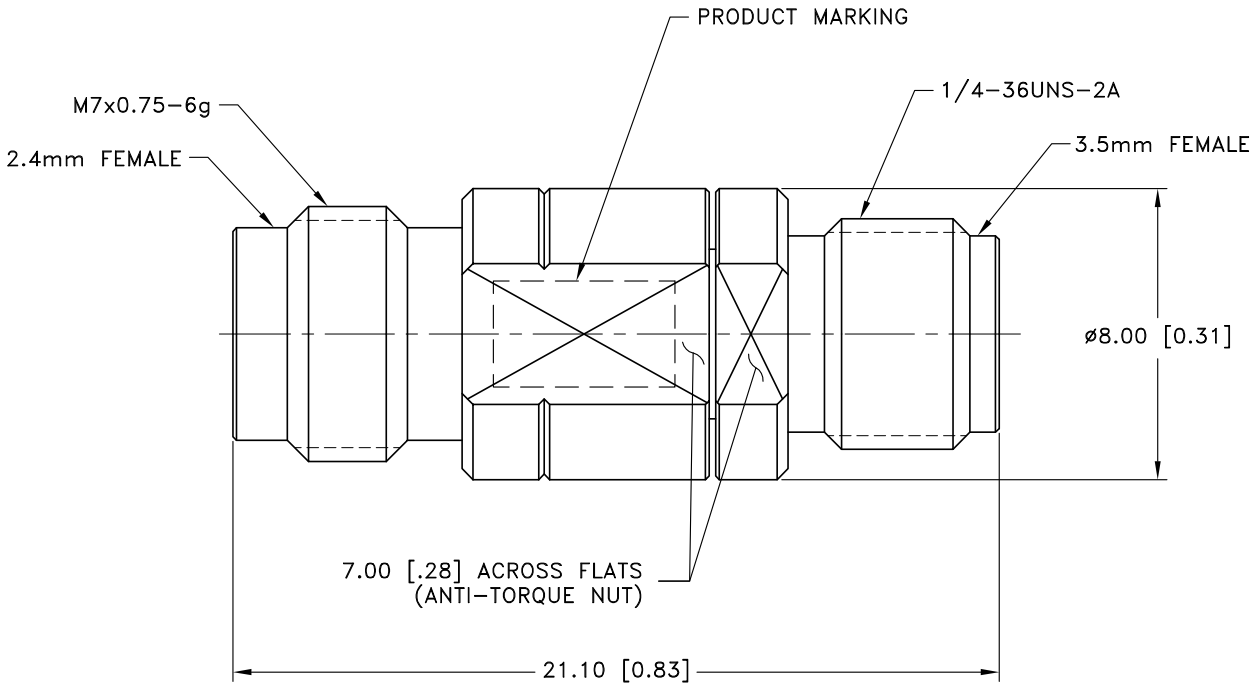
CONNECTOR SPECIFICATIONS

Description	Connector 1	Connector 2
Connector Type	2.4 mm-Female	3.5 mm-Female
Orientation	Straight	Straight

CASE STYLE DRAWING



Weight: 4.2 grams

Dimensions are in mm [inches]. Tolerances: 2 Pl ± .40 mm

PRODUCT MARKING*: 24F-35F+

*Marking may contain other features or characters for internal lot control.

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ADDITIONAL INFORMATION IS AVAILABLE ON OUR DASHBOARD CLICK HERE

Performance Data & Graphs	Data Graphs S-Parameter (S2P Files) Data Set (.zip file)
Case Style	DJ3746
RoHS Status	Compliant
Environmental Ratings	ENV152