COAXIAL

Adapter

24M-KM+

50Ω DC to 40 GHz 2.4 mm-Male to 2.92 mm-Male

KEY FEATURES

- Ultra-Wideband, DC to 40 GHz
- Low Insertion Loss, 0.08 dB Typ.
- Excellent VSWR, 1.07:1 Typ.
- Straight Body

Generic photo used for illustration purposes only

PRODUCT OVERVIEW

Mini-Circuits' 24M-KM+ is a coaxial 2.4 mm-Male to 2.92 mm-Male adapter supporting a wide range of applications from DC to 40 GHz. This model provides excellent VSWR and low insertion loss versus frequency. The 24M-KM+ features passivated stainless-steel construction and measures only 0.74" in length.

ELECTRICAL SPECIFICATIONS[1] AT +25 °C

Parameter	Frequency (GHz)	Min.	Typ.	Max.	Units
Frequency Range		DC	-	40	GHz
Insertion Loss	DC-40	-	0.08	0.47	dB
VSWR	DC-40	-	1.07	1.20	:1

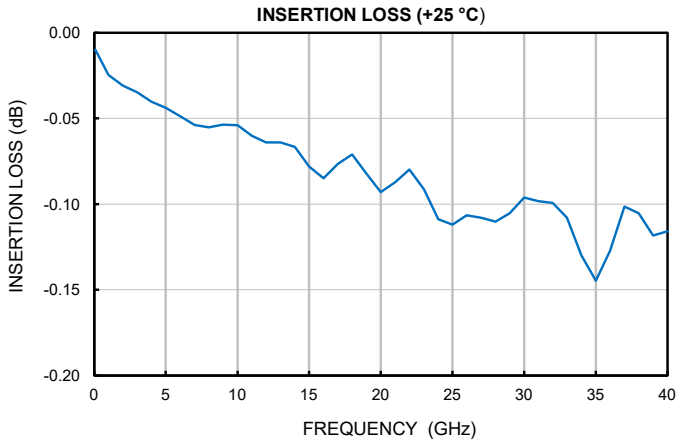
1. Specifications are tested to minimum frequency of 0.01 GHz.

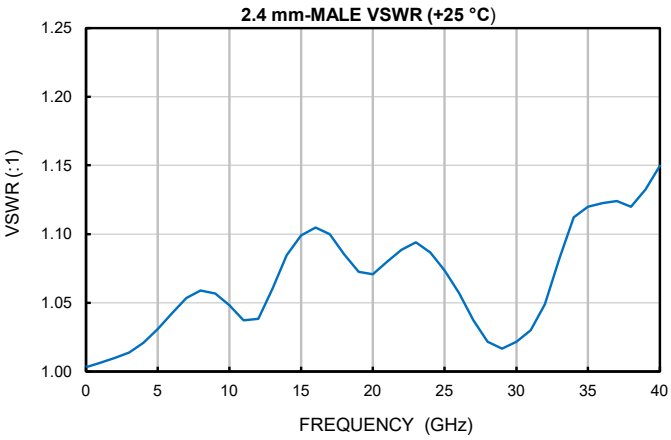
ABSOLUTE MAXIMUM RATINGS[2]

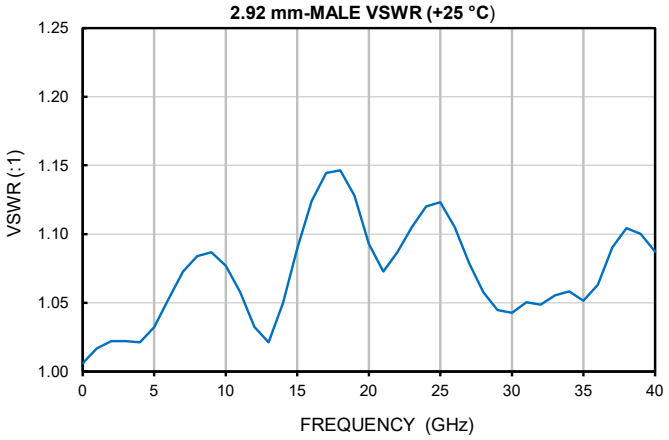
Operating Case Temperature	-45 °C to +125 °C
Storage Temperature	-45 °C to +125 °C

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

TYPICAL PERFORMANCE GRAPHS







COAXIAL

Adapter

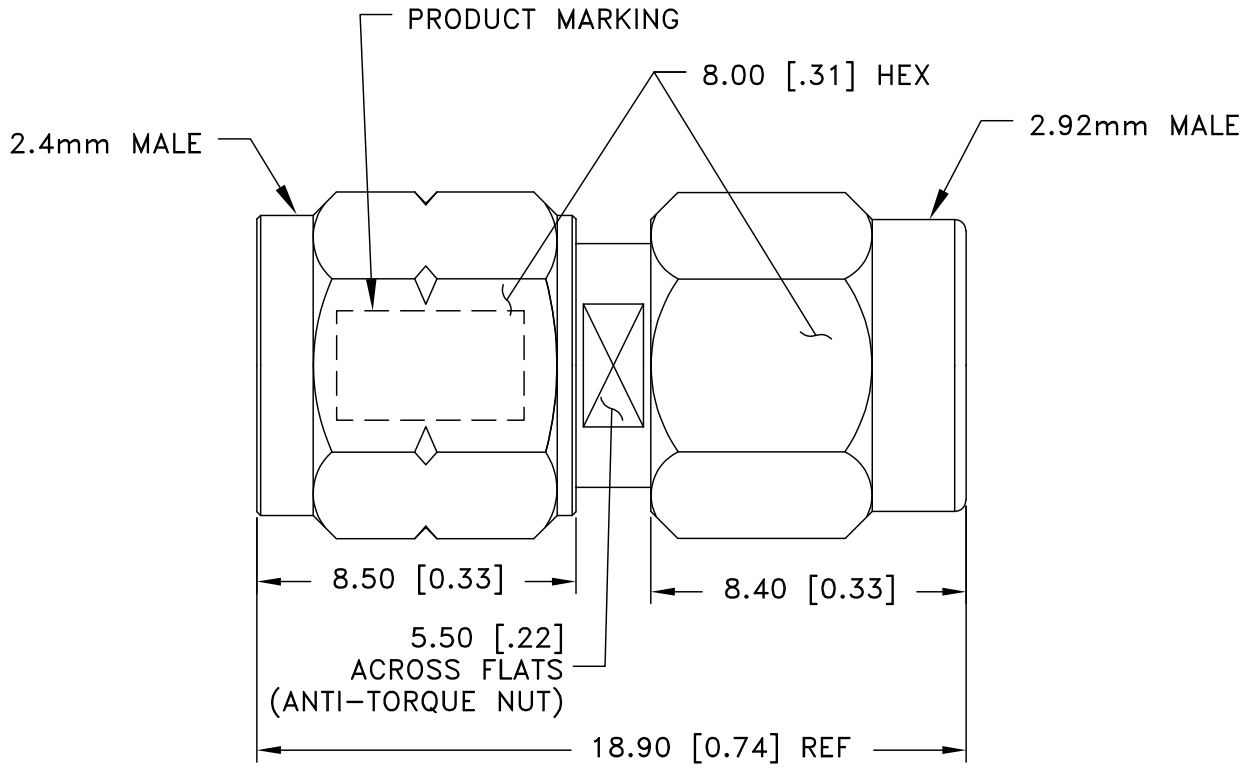
24M-KM+

50Ω DC to 40 GHz 2.4 mm-Male to 2.92 mm-Male

CONNECTOR SPECIFICATIONS

Description	Connector 1	Connector 2
Connector Type	2.4 mm-Male	2.92 mm-Male
Orientation	Straight	Straight

CASE STYLE DRAWING



Weight: 4.5 grams
Dimensions are in mm [inches]. Tolerances: 2 Pl ±.40 mm

PRODUCT MARKING*: 24M-KM+

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

COAXIAL

Adapter

24M-KM+

50Ω DC to 40 GHz 2.4 mm-Male to 2.92 mm-Male

ADDITIONAL INFORMATION IS AVAILABLE ON OUR DASHBOARD CLICK HERE

Performance Data & Graphs	Data Graphs S-Parameter (S2P Files) Data Set (.zip file)
Case Style	DJ3748-1
RoHS Status	Compliant
Environmental Ratings	ENV152