SCT-2F2M-UB-R

2.4 mm (F) to 2.4 mm (M) Coaxial Adapter, Right Angle

SCT-2F2M-UB-R is a 2.4 mm female to 2.4 mm male coaxial adapter with a right angle (90°) that covers the frequency range of DC to 50 GHz. This coaxial adapter offers efficient transitioning between the coaxial connectors with a high return loss and typical insertion loss of 0.4 dB. The impedance of the adapter is 50 Ohms. Other configurations are available under different model numbers.

Electrical Specifications:

Parameter	Minimum	Typical	Maximum
Frequency Range	DC		50 GHz
Insertion Loss		0.4 dB	
Return Loss		20 dB	
Impedance		50 Ω	
Specification Temperature		+25 °C	
Operating Temperature	-40 °C		+85 °C

Mechanical Specifications:

Item	Specification
Connector 1 Type	2.4 mm Female
Connector 2 Type	2.4 mm Male
Body Material	Stainless Steel
Body Finish	Passivated
Contact Material	Beryllium Copper
Insulator Material	PEI
Adaptor Body Style	Right Angle
Weight	0.2 Oz
Length	0.66” x 0.63”
Outline	CT-2F2M-R-LN1

ECCN

EAR99

FEATURES

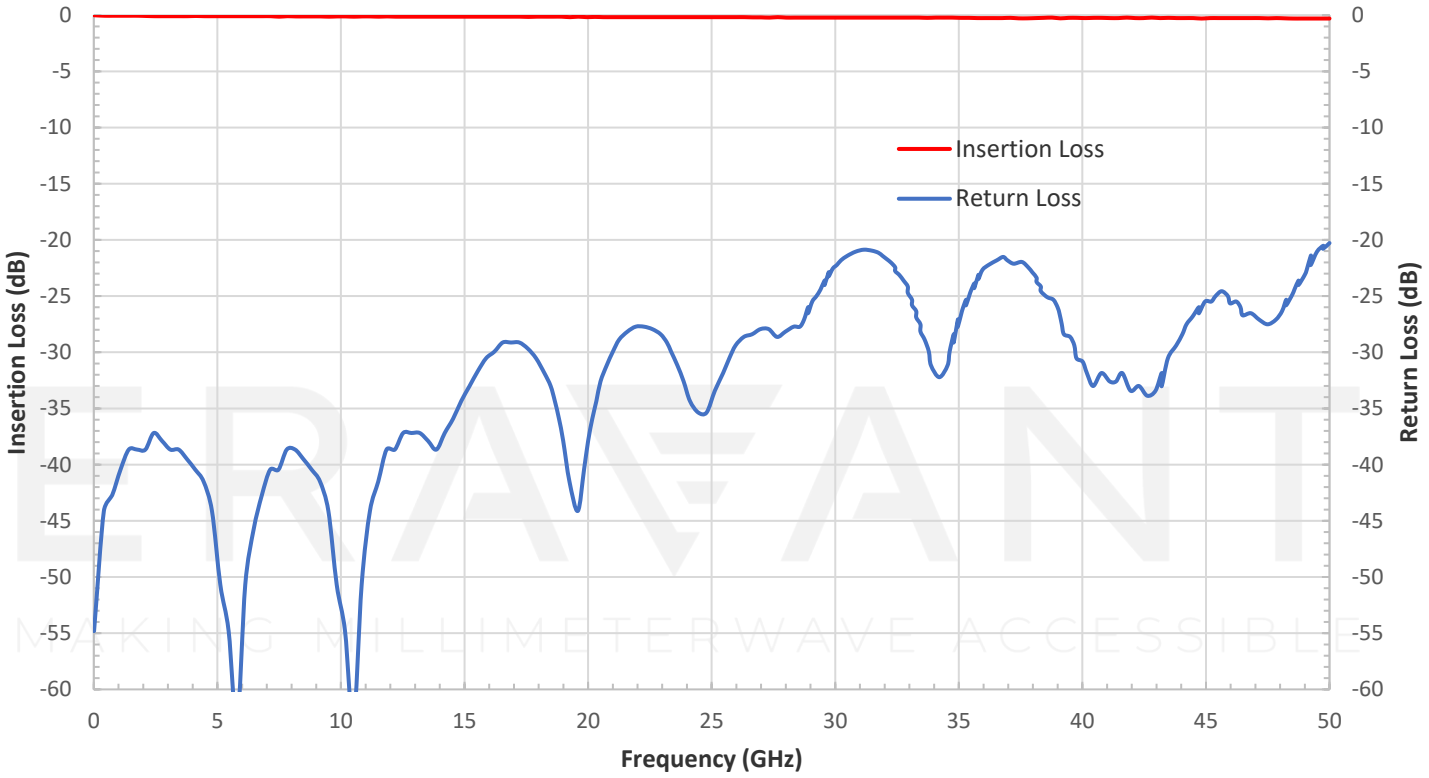
- Instrumentation Grade
- High Return Loss
- Low Insertion Loss

APPLICATIONS

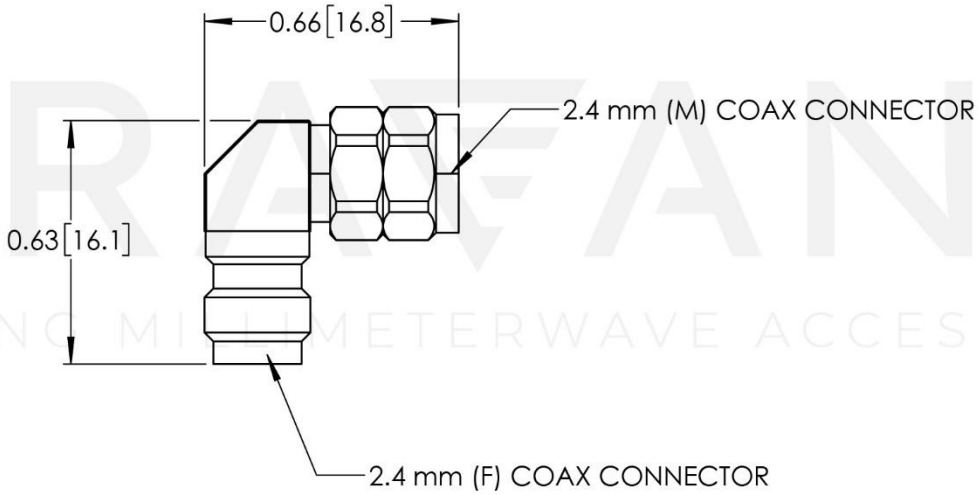
- Test Lab
- Sub-assemblies

SUPPLEMENTAL DETAILS

Typical Performance vs. Frequency



Mechanical Outline: (Unless otherwise specified, all dimensions are in inches [millimeters])



NOTE:

- All data presented is collected from a sample lot. Actual data may vary slightly from unit to unit.
- All testing is performed under +25 °C case temperature.
- Eravant reserves the right to change the information presented without notice.

CAUTION:

- Exceeding absolute maximum ratings shown will damage the device.
- Proper torque should be applied: 8.0 ± 0.15 inch-pounds (0.90 ± 0.02 Nm). Torque wrench model SCH-08008-S1 is highly recommended.

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