

NMD 2.4 mm (F) to 2.4 mm (F) Coaxial Adapter

SCT-2FN2F-UB is a NMD 2.4 mm female to 2.4 mm female coaxial adapter 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 0.55 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		0.55 dB	
Return Loss		25 dB	
Impedance		50 Ω	
Specification Temperature		+25 °C	
Operating Temperature	-40 °C		+85 °C

Mechanical Specifications:

Item	Specification
Connector 1 Type	NMD 2.4 mm Female
Connector 2 Type	2.4 mm Female
Body Material	Stainless Steel
Body Finish	Passivated
Contact Material	Beryllium Copper
Insulator Material	PEI
Length	1.48"
Outline	CT-2FN2F-LN1

ECCN

EAR99

FEATURES

- Instrumentation Grade
- High Return Loss
- Low Insertion Loss

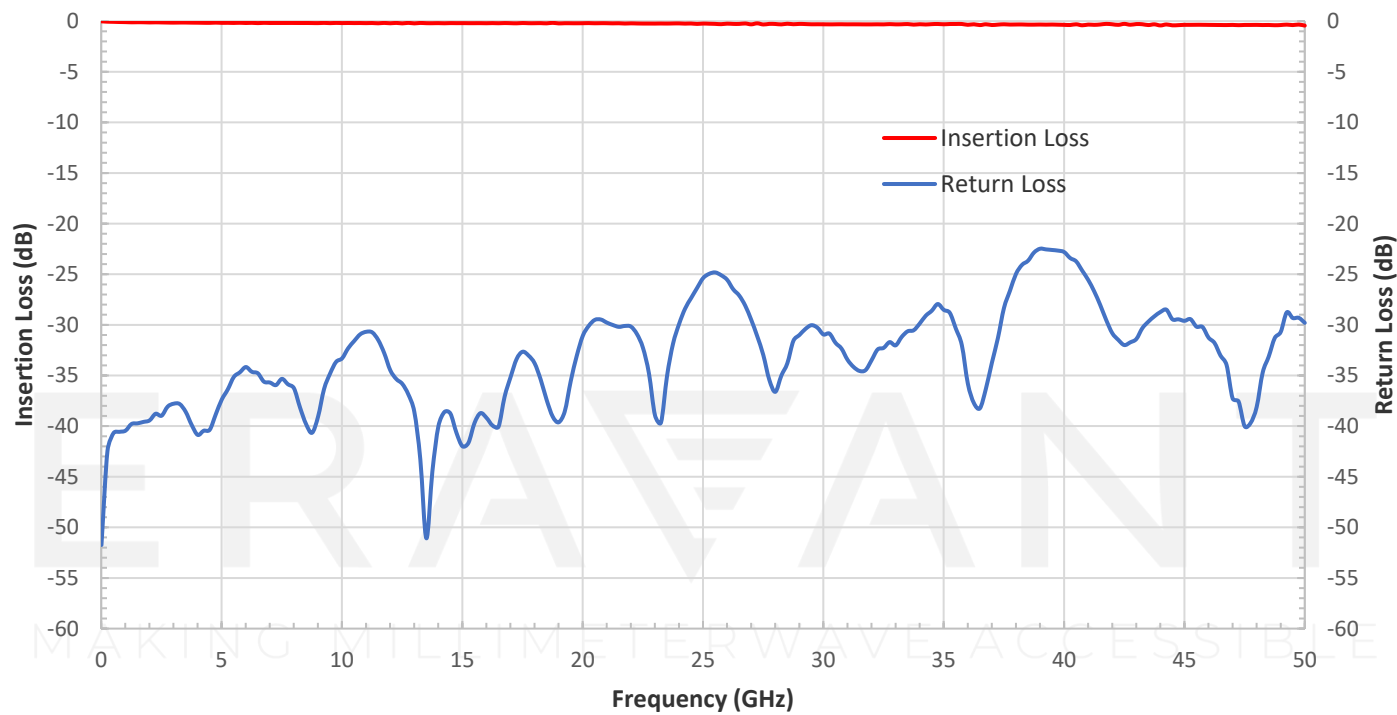
APPLICATIONS

- Test Lab
- Sub-assemblies

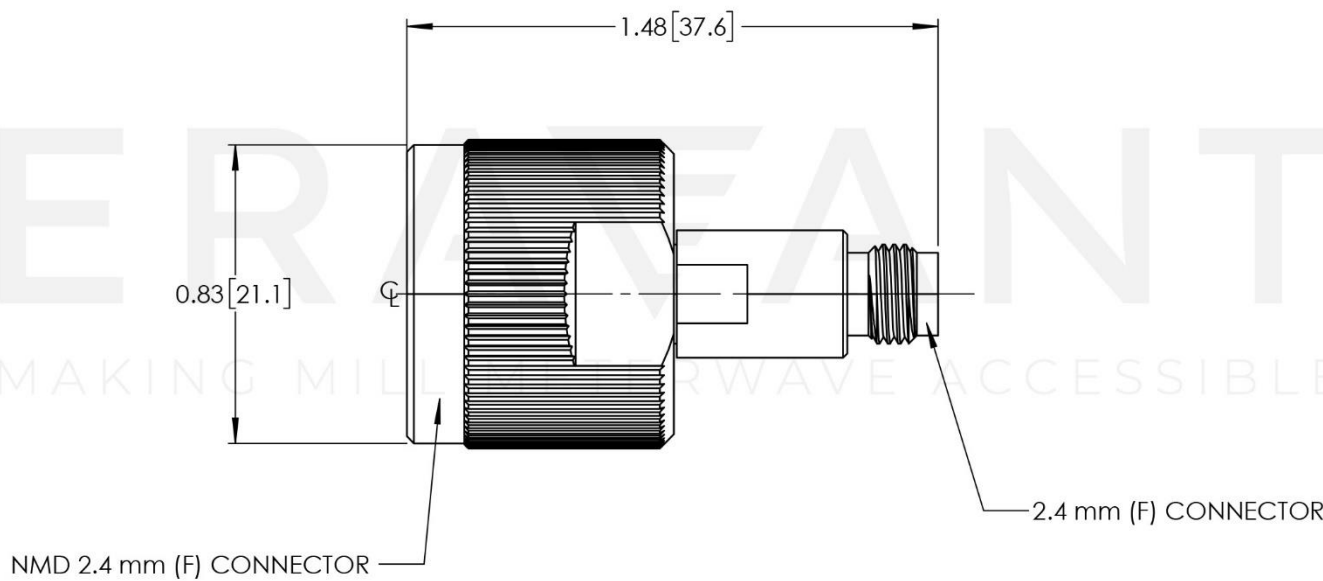
SUPPLEMENTAL DETAILS

SCT-2FN2F-UB

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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