SCT-VMEM-UB

1.85 mm (M) to 1.35 mm (M) Coaxial Adapter

SCT-VMEM-UB is a 1.85 mm male to 1.35 mm male coaxial adapter that covers the frequency range of DC to 70 GHz. This coaxial adapter offers efficient transitioning between the coaxial connectors with a high return loss and typical insertion loss of 0.9 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		70 GHz
Insertion Loss		0.9 dB	
Return Loss		17 dB	
Impedance		50 Ω	
Specification Temperature		+25 °C	
Operating Temperature	-40 °C		+85 °C

Mechanical Specifications:

Item	Specification
Connector 1 Type	1.85 mm Male
Connector 1 Material	Stainless Steel, Passivated
Connector 2 Type	1.35 mm Male
Connector 2 Material	Stainless Steel, Passivated
Body Material	Beryllium Copper, Gold Plated
Contact Material	Beryllium Copper, Gold Plated
Insulator Material	PEI
Weight	0.1 Oz
Length	0.91”
Outline	CT-VMEM-LN1

ECCN

EAR99

FEATURES

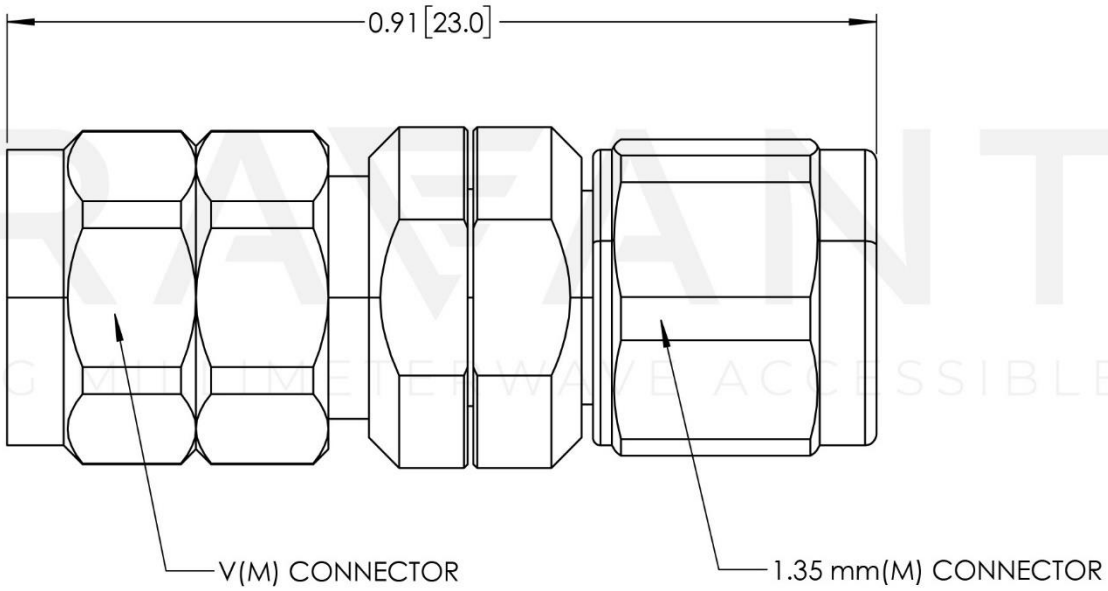
- Instrumentation Grade
- High Return Loss
- Low Insertion Loss

APPLICATIONS

- Test Lab
- Sub-assemblies

SUPPLEMENTAL DETAILS

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.