

## SCT-VFVM-UB-R

### 1.85 mm (F) to 1.85 mm (M) Coaxial Adapter, Right Angle

SCT-VFVM-UB-R is a 1.85 mm female to 1.85 mm male coaxial adapter with a right angle (90°) that covers the frequency range of DC to 65 GHz. This coaxial adapter offers efficient transitioning between the coaxial connectors with a high return loss and typical insertion loss of 0.5 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		65 GHz
Insertion Loss		0.5 dB	
Return Loss		14 dB	
Impedance		50 Ω	
Specification Temperature		+25°C	
Operating Temperature	-40°C		+85°C

#### Mechanical Specifications:

Item	Specification
Connector 1 Type	1.85 mm Female
Connector 2 Type	1.85 mm Male
Body Material	Stainless Steel
Body Finish	Passivated
Contact Material	Beryllium Copper
Insulator Material	PEEK
Adapter Body Style	Right Angle
Weight	0.2 Oz
Outline	CT-VFVM-R-LN1

#### ECCN

EAR99

#### FEATURES

- Instrumentation Grade
- High Return Loss
- Low Insertion Loss

#### APPLICATIONS

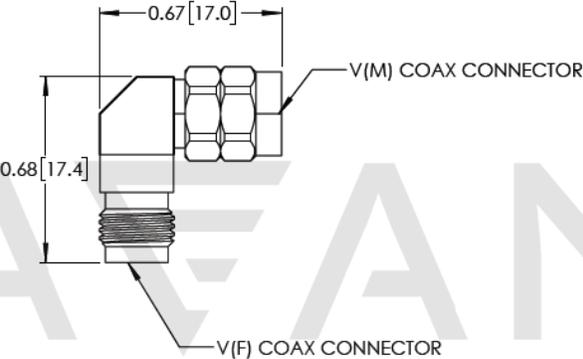
- Test Lab
- Sub-assemblies

#### SUPPLEMENTAL DETAILS



SCT-VFVM-UB-R

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



**NOTE:**

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

**CAUTION:**

- For 1.35 mm, 1.85 mm, 2.4 mm, 2.92 mm, and SMA connectors 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.