

N (F) to 1.85 mm (M) Coaxial Adapter

Description:

Model SCT-NFVM-UB is a N female to 1.85 mm male coaxial adapter that covers the frequency range of DC to 18 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.



Features:

- Instrumentation Grade
- High Return Loss
- Low Insertion Loss

Applications:

- Test Lab
- Sub-assemblies

Electrical Specifications:

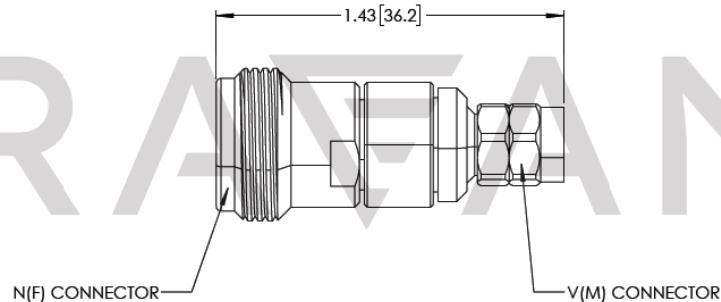
Parameter	Minimum	Typical	Maximum
Frequency	DC		18 GHz
Insertion Loss		0.4 dB	
Return Loss	19 dB		
Impedance		50 Ω	
Specification Temperature		+25 °C	
Operating Temperature	-40 °C		+85 °C

Mechanical Specifications:

Item	Specification
Connector 1 Type	N Female
Connector 2 Type	1.85 mm Male
Body Material	Stainless Steel
Body Finish	Passivated
Contact Material	Beryllium Copper
Insulator Material	Noryl
Length	1.43"
Outline	CT-NFVM-LN1

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



Note:

- 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.

