

## N (M) to 2.92 mm (F) Coaxial Adapter

### Description:

**Model SCT-NMKF-UB** is a N male to 2.92 mm female 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 0.2 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:

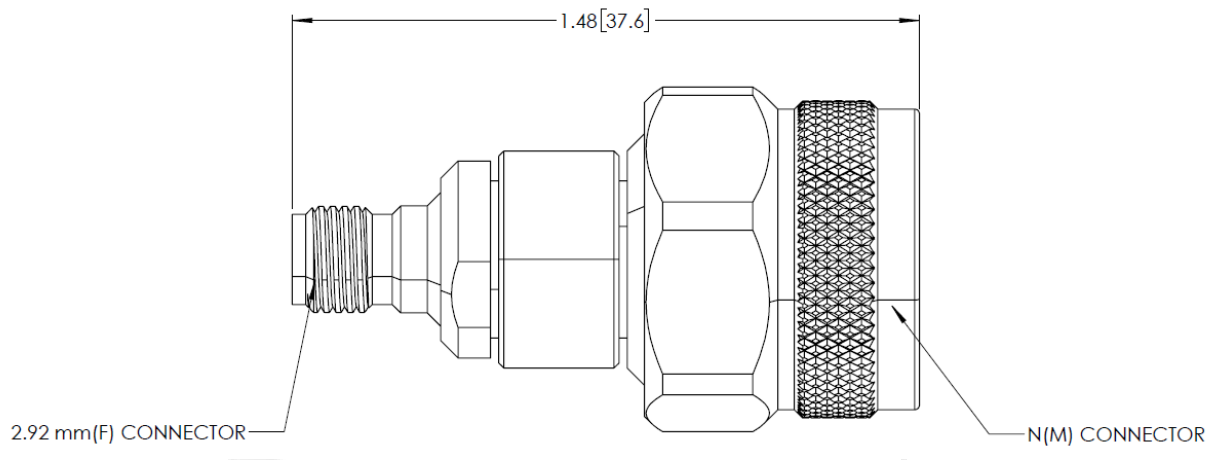
Parameter	Minimum	Typical	Maximum
Frequency	DC		18 GHz
Insertion Loss		0.2 dB	
Return Loss	20 dB		
Impedance		50 $\Omega$	
Specification Temperature		+25 °C	
Operating Temperature	-40 °C		+85 °C

### Mechanical Specifications:

Item	Specification
Connector 1 Type	N Male
Connector 2 Type	2.92 mm Female
Body Material	Stainless Steel
Body Finish	Passivated
Contact Material	Beryllium Copper
Insulator Material	Noryl / PTFE
Length	1.48"
Outline	CT-NMKF-LN1

## N (M) to 2.92 mm (F) Coaxial Adapter

**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:  $8.0 \pm 0.15$  inch-pounds ( $0.90 \pm 0.02$  Nm). Torque wrench model **SCH-08008-S1** is highly recommended.

