



## NMD 3.5 mm (F) to N (M) Coaxial Adapter

### Description:

**Model SCT-3FNNM-UB** is a NMD 3.5 mm female to N-type male coaxial adapter that covers the frequency range of DC to 18 GHz. This coaxial adapter offers efficient transitioning between the coaxial connectors with low insertion loss and a typical return loss of 20 dB. The NMD port features a rugged, threaded body which allows for stable and repeatable connection to a test set or VNA. 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
- VNA
- Sub-assemblies

### Electrical Specifications:

Parameter	Minimum	Typical	Maximum
Frequency	DC		18 GHz
Insertion Loss		0.35 dB	
Return Loss		20 dB	
Impedance		50 Ω	
Specification Temperature		+25 °C	
Operating Temperature	-40 °C		+85 °C

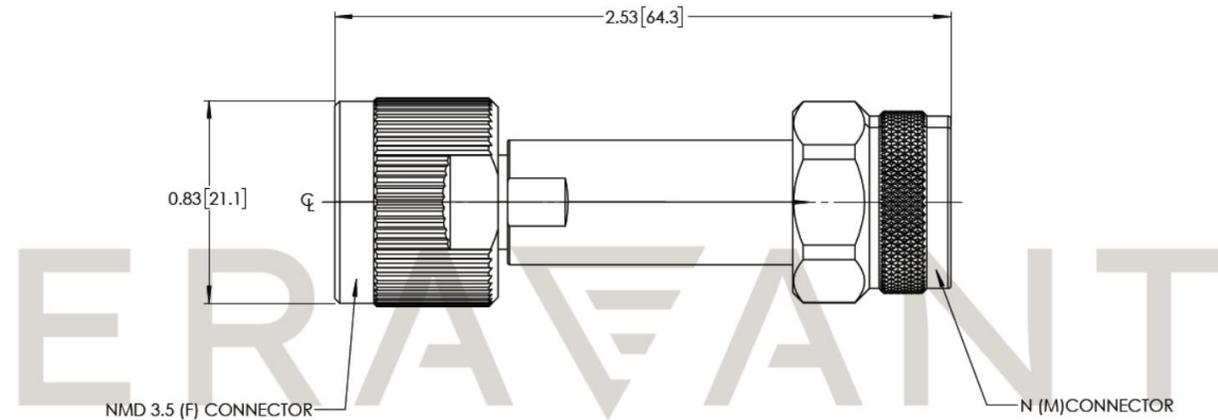
### Mechanical Specifications:

Item	Specification
Connector 1 Type	NMD 3.5 mm Female
Connector 2 Type	N-type Male
Length	2.53"
Material	Stainless Steel
Finish	Passivated
Weight	0.2 oz.
Outline	CT-3FNNM-LN1



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



**Note:**

- SAGE Millimeter, Inc. reserves the right to change the information presented without notice.

**Caution:**

- Proper torque,  $8.0 \pm 0.15$  inch-pounds ( $0.90 \pm 0.02$  Nm), should be applied. **SAGE Millimeter torque wrench, model SCH-08008-S1, is highly recommended.**

