

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

Description:

Model SCT-3FNNF-UB is a NMD 3.5 mm female to N-type female 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

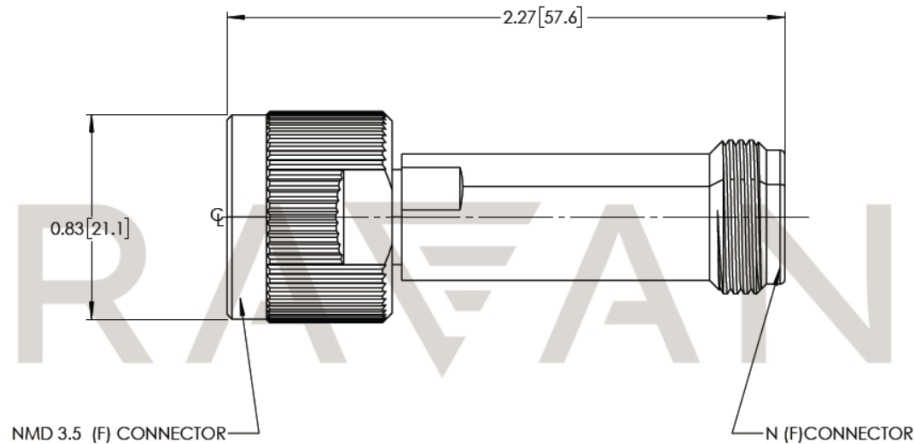
Mechanical Specifications:

Item	Specification
Connector 1 Type	NMD 3.5 mm Female
Connector 2 Type	N-type Female
Length	2.27"
Material	Stainless Steel
Finish	Passivated
Weight	0.2 oz.
Outline	CT-3FNNF-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 ± 0.15 inch-pounds (0.90 ± 0.02 Nm), should be applied. **SAGE Millimeter torque wrench, model SCH-08008-S1, is highly recommended.**

