

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

Description:

Model SCT-NFKF-UB is a N female 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:

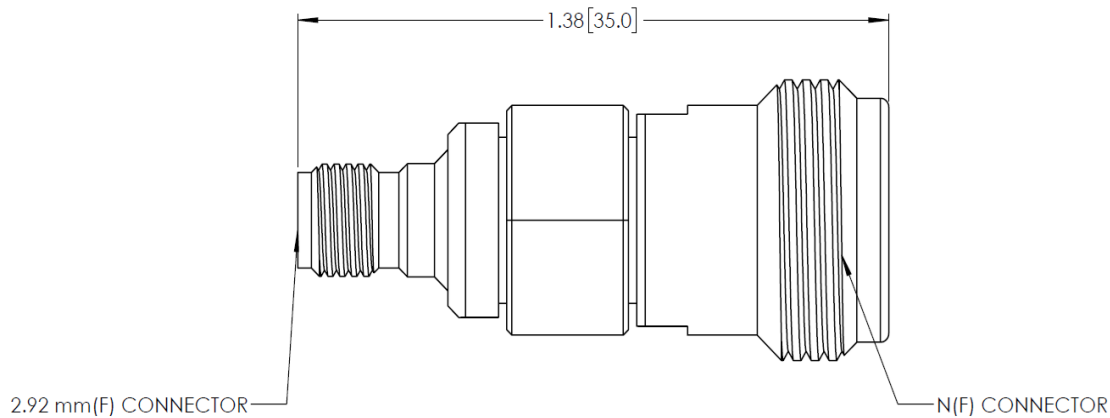
| Parameter | Minimum | Typical | Maximum |
|---------------------------|---------|-------------|---------|
| Frequency | DC | | 18 GHz |
| Insertion Loss | | 0.2 dB | |
| Return Loss | 20 dB | | |
| Impedance | | 50 Ω | |
| Specification Temperature | | +25 °C | |
| Operating Temperature | -40 °C |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

Mechanical Specifications:

| Item | Specification |
|--------------------|------------------|
| Connector 1 Type | N Female |
| Connector 2 Type | 2.92 mm Female |
| Body Material | Stainless Steel |
| Body Finish | Passivated |
| Contact Material | Beryllium Copper |
| Insulator Material | Noryl / PTFE |
| Length | 1.38" |
| Outline | CT-NFKF-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.

