



N Female to N Female Adapter

TECHNICAL DATA SHEET

PE9006

Configuration

| | |
|---------------------------|--------------|
| Connector 1 | N Female |
| Impedance 1 | 50 Ohms |
| Connector Specification 1 | MIL-STD-348A |
| Connector 2 | N Female |
| Impedance 2 | 50 Ohms |
| Connector Specification 2 | MIL-STD-348A |
| Adapter Design | Standard |
| Body Style | Straight |

Electrical Specifications

| | |
|---------------------------------------|----------|
| Frequency Range, GHz | DC to 11 |
| Maximum VSWR | 1.3:1 |
| Maximum Insertion Loss, dB | 0.3 |
| Maximum Operating Voltage, Volts | 1,000 |
| Dielectric Withstanding Voltage, Vrms | 2,500 |

Mechanical Specifications

Temperature

| | |
|------------------------|-------------|
| Operating Range, deg C | -65 to +165 |
|------------------------|-------------|

Size

| | |
|---------------------|---------------|
| Length, in [mm] | 1.43 [36.32] |
| Width/Dia., in [mm] | 0.669 [16.99] |

Connector 1

| | |
|---------------------------------------|------------------|
| Type | N Female |
| Inner Conductor Material and Plating | Brass, Gold |
| Inner Conductor Plating Specification | 30µ in. minimum |
| Body Material and Plating | Brass, Nickel |
| Body Plating Specification | 100µ in. minimum |
| Dielectric Type | Teflon |

Connector 2

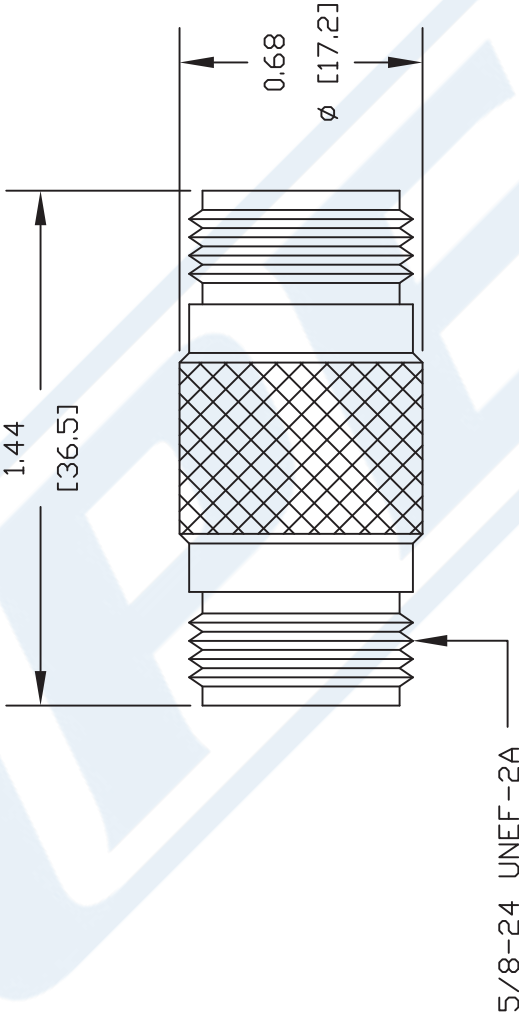
| | |
|---------------------------------------|------------------|
| Type | N Female |
| Inner Conductor Material and Plating | Brass, Gold |
| Inner Conductor Plating Specification | 30µ in. minimum |
| Body Material and Plating | Brass, Nickel |
| Body Plating Specification | 100µ in. minimum |

Compliance Certifications (visit www.Pasternack.com for current document)

| | |
|-----------------|------------|
| RoHS Compliant | |
| REACH Compliant | 06/18/2012 |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female to N Female Adapter PE9006](#)

PE9006 CAD Drawing
N Female to N Female Adapter



NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE
PE9006

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REV. C
FSCM NO. 53919

CAD FILE 011311

SCALE N/A

SIZE A

127