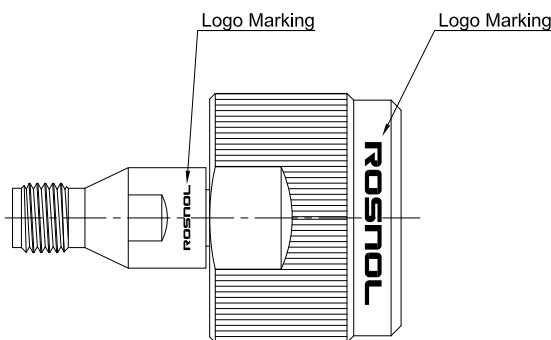
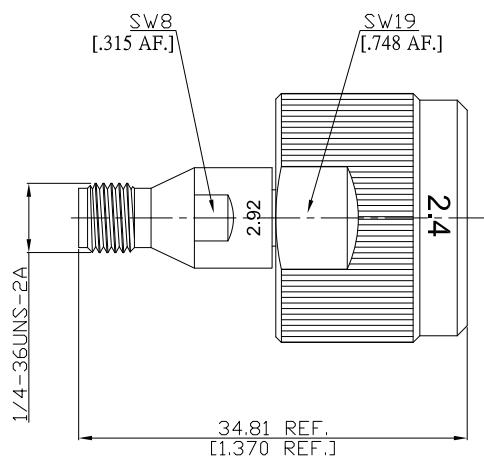


2.92mm Jack (Female) to Ruggedized 2.4mm NMD  
 Adaptors Straight DC-40 GHz VSWR1.20

**AD-K2NMDQ25A / 9X-9X**


All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

2.92mm mechanically compatible with

3.5mm and SMA

2.4mm mechanically compatible with

1.85mm

**Electrical Data**

Impedance

50 Ω

Frequency

DC to 40 GHz

VSWR (Return Loss)

≤ 1.20 (≥ 20.83 dB)

Insertion Loss

≤ 0.05 × √F (GHz) dB

**Mechanical Data**

Coupling mechanisms

2.92mm Side

Mating cycles

Screw-lock

Center Contact Captivation

min. 500

Coupling test torque

≥ 20 N

Recommended torque

1.70 Nm

Recommended torque ruggedized nut

0.80 Nm to 1.10 Nm

2.4mm Side

Screw-lock

min. 500

≥ 20 N

1.65 Nm max.

0.80 Nm to 1.10 Nm

1.36 Nm

**Environmental Data**

Temperature Range

-65°C to +100°C

RoHS

compliant

**Material And Plating**
**Piece Parts (2.92mm)**
**Material**
**Plating**

Centre contact

Beryllium Copper

Gold plating, 3 µinch

(Non-magnetic nickel-phosphorus underplating, 80 µinch)

Body

Stainless Steel

Passivated

Insulator

PS

**Piece Parts (2.4mm NMD)**
**Material**
**Plating**

Centre contact

Beryllium Copper

Gold plating, 3 µinch

(Non-magnetic nickel-phosphorus underplating, 80 µinch)

Body

Stainless Steel

Passivated

Insulator

PS

**Packing**

Single or 100