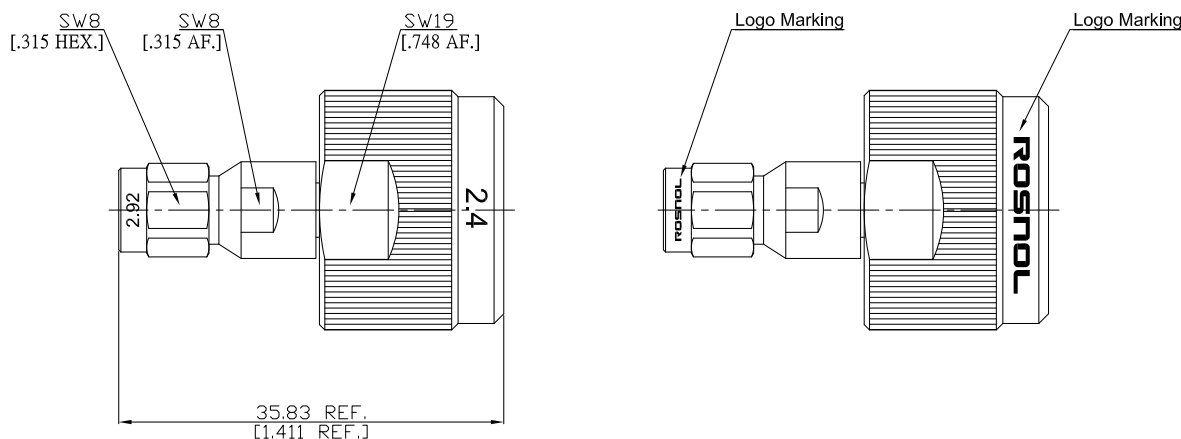


2.92mm Plug (Male) to Ruggedized 2.4mm NMD
Adaptors Straight DC-40 GHz VSWR1.20

AD-K1NMDQ25A / 9XX-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

$\leq 0.05 \times \sqrt{F}$ (GHz) dB

Mechanical Data

Coupling mechanisms

2.92mm Side

2.4mm Side

Mating cycles

Screw-lock

Screw-lock

Center Contact Captivation

min. 500

min. 500

Coupling test torque

≥ 20 N

≥ 20 N

Recommended torque

1.70 Nm

1.65 Nm max.

Recommended torque ruggedized nut

0.80 Nm to 1.10 Nm

0.80 Nm to 1.10 Nm

Recommended torque ruggedized nut

N/A

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 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body		Stainless Steel	Passivated
Insulator		PS	
Coupling nut		Stainless Steel	Passivated
Piece Parts (2.4mm NMD)		Material	Plating
Centre contact		Beryllium Copper	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body		Stainless Steel	Passivated
Insulator		PS	

Packing

Single or 100