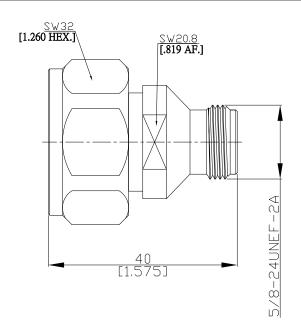


# Technical Data Sheet

# Adaptor plug/jack 7/16 plug (male) / N jack (female)

# AD-D1N25A/H44-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface

7/16 according to IEC 61169-4

N according to IEC 61169-16; CECC 22210; MIL-C-39012; MIL-STD-348A/304

### Electrical Data

Impedance  $50 \Omega$ 

Frequency DC to 7.5 GHz VSWR (Return Loss)  $\leq 1.2 \ (\geq 20 \ dB)$  Insertion Loss  $\leq 0.05 \times \sqrt{F \ (GHz)} \ dB$ 

#### Mechanical Data

Coupling mechanisms 7/16 (Screw-lock); N (Screw-lock)

Weight 0.1285 kg

#### Environmental Data

Temperature range -65°C to +165°C compliant

## Material And Plating

Piece Parts (7/16)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating (Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Piece Parts (N)	Material	Plating
Piece Parts (N) Centre contact	<b>Material</b> Phosphor Bronze	Plating Gold plating (Nickel underplated)
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#### Packing

Single or 100

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judged to be necessary.	30 /33 /30	N-CAGE Code: SFKKO	1/1