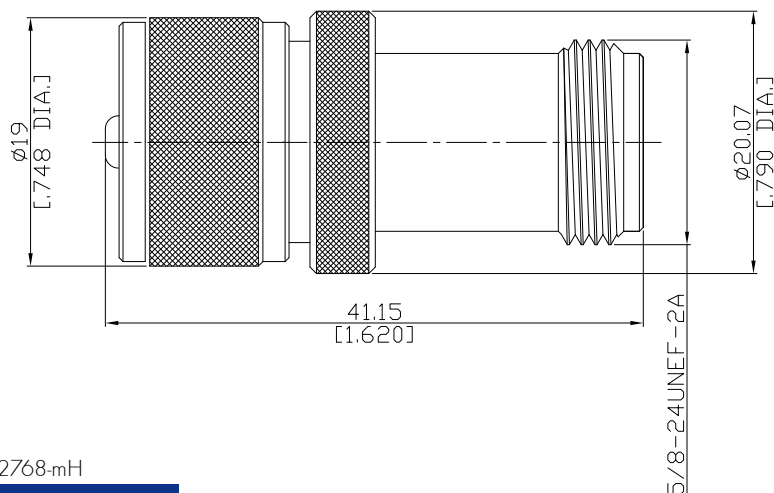


UHF plug (male) / N jack (female)
Adapter DC-300 MHz VSWR1.30

AD-U1N25A / H33-H3



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

UHF side according to

IEC 60169-12

N side according to

IEC 60169-8; MIL-STD-348B/301

Electrical Data

Impedance

50 Ω

Frequency

DC to 300 MHz

VSWR (Return Loss)

≤ 1.30 (≥ 17.7 dB)

Insulation resistance

≥ 5 GΩ

Center contact resistance

≤ 5 mΩ, UHF side;

≤ 1 mΩ, N side

Outer contact resistance

≤ 5 mΩ, UHF side;

≤ 0.25 mΩ, N side

Mechanical Data

Coupling mechanisms

UHF Side

N Side

Mating Cycles

Screw-lock

Screw-lock

Center contact captivation: axial

min. 500

min. 500

Coupling test torque

≥ 30 N

≥ 28 N

Recommended torque

N/A

≤ 1.7 Nm

N/A

0.7 Nm to 1.1 Nm

Environmental Data

Temperature Range

-55°C to +149°C

RoHS

compliant

Material And Plating

Piece Parts (UHF)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Nickel
Insulator	PTFE	
Coupling nut	Brass	Nickel
Piece Parts (N)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Nickel
Insulator	PTFE	

Packing

Single or 100