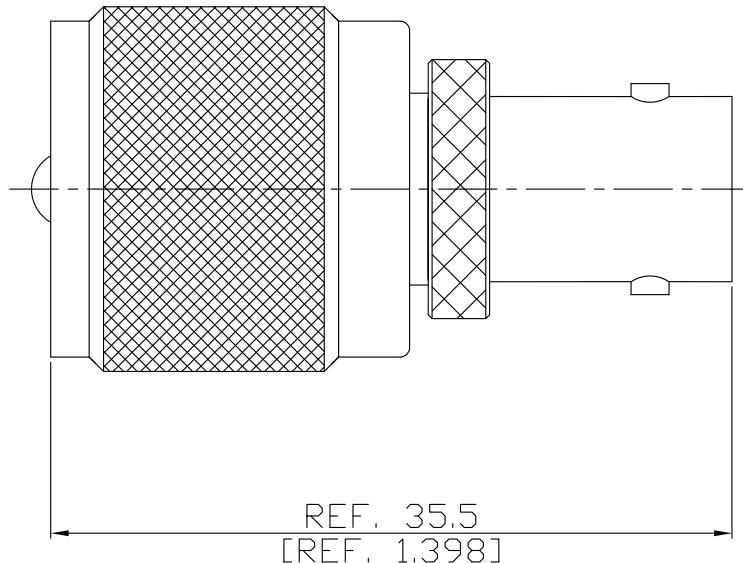


UHF plug (male) to BNC jack (female)
Adapter DC-300 MHz VSWR1.20

AD-U1B25A / H33-H3



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

UHF side according to

IEC 60169-12

BNC side according to

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

Electrical Data

Impedance

50 Ω

Frequency

DC to 300 MHz

VSWR (Return Loss)

≤ 1.20 (\geq 20.8 dB)

Insertion Loss

≤ 0.05 $\times \sqrt{f}$ (GHz) dB

Insulation resistance

≥ 5 GΩ

Center contact resistance

≤ 5 mΩ, UHF side;

≤ 1.5 mΩ, BNC side

Outer contact resistance

≤ 5 mΩ, UHF side;

≤ 1 mΩ, BNC side

Material And Plating**Piece Parts (UHF)****Material****Plating**

Centre contact

Phosphor Bronze

Gold plating, 3 pinch

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

Body

Brass

Nickel

Insulator

PTFE

Coupling nut

Brass

Nickel

Piece Parts (BNC)**Material****Plating**

Centre contact

Phosphor Bronze

Gold plating, 3 pinch

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

Body

Brass

Nickel

Insulator

PTFE

UHF plug (male) to BNC jack (female)
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Mechanical Data

Coupling mechanisms
Mating Cycles
Center contact captivation: axial

UHF Side
Screw-lock
min. 500
≥ 30 N

BNC Side
Bayonet-lock
min. 500
≥ 27 N

Environmental Data

Temperature Range
Thermal shock
Corrosion
Vibration
Shock
Moisture resistance
RoHS

-65°C to +165°C
MIL-STD-202, Meth. 107, Cond. B
MIL-STD-202, Meth. 101, Cond. B
MIL-STD-202, Meth. 204, Cond. B
MIL-STD-202, Meth. 213, Cond. G
MIL-STD-202, Meth. 106
compliant

Packing

Single or 100