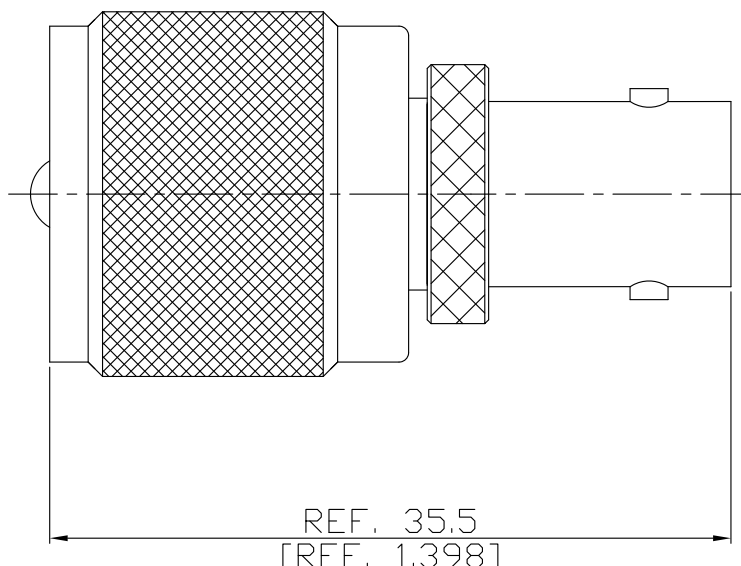


UHF plug (male) to BNC jack (female)
Adapter DC-300 MHz VSWR1.20

AD-U1B25A / H44-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

UHF side according to
BNC side according to

IEC 60169-12
IEC 60169-8; MIL-STD-348B/301

Electrical Data

Impedance 50 Ω
Frequency DC to 300 MHz
VSWR (Return Loss) ≤ 1.20 (≥ 20.8 dB)
Insertion Loss $\leq 0.05 \times \sqrt{f}$ (GHz) dB
Insulation resistance ≥ 5 G Ω
Center contact resistance ≤ 5 m Ω , UHF side;
Outer contact resistance ≤ 5 m Ω , UHF side;

≤ 1.5 m Ω , BNC side
 ≤ 1 m Ω , BNC side

Material And Plating

Piece Parts (UHF)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Piece Parts (BNC)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	

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

Coupling mechanisms	UHF Side	BNC Side
Mating Cycles	Screw-lock	Bayonet-lock
Center contact captivation: axial	min. 500	min. 500
	≥ 30 N	≥ 27 N

Environmental Data

Temperature Range	-65°C to +165°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. B
Shock	MIL-STD-202, Meth. 213, Cond. G
Moisture resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Packing

Single or 100