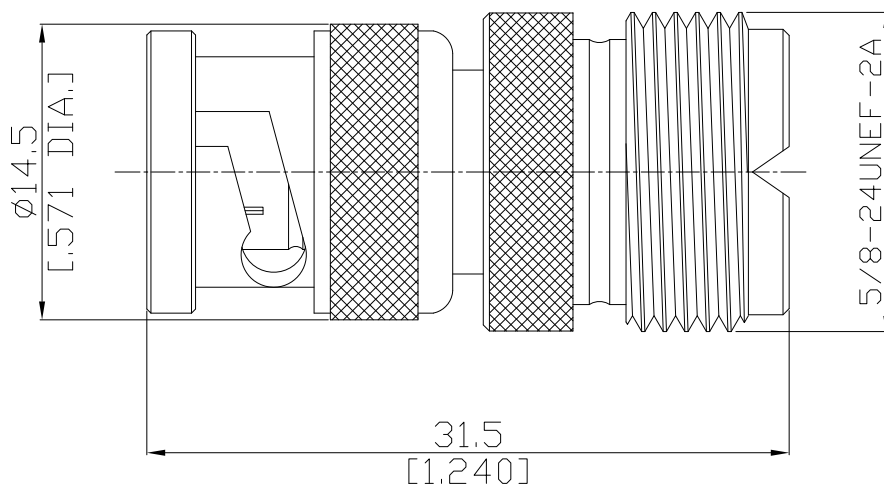


BNC plug (male) / UHF jack (female)
Straight adaptor DC- 300 MHz

AD-B1U25A / H44-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

BNC according to

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

UHF according to

IEC 60169-12

Electrical Data

Impedance

BNC (50 Ω)

UHF (non-constant)

Frequency

DC to 300 MHz

Center contact resistance

≤ 1.5 mΩ, BNC side;

≤ 5 mΩ, UHF side

Outer contact resistance

≤ 1 mΩ, BNC side;

≤ 5 mΩ, UHF side

Test voltage

1500 V rms

Working voltage

400 V rms

Contact current (DC)

≤ 10 A typ.

Power handling (at 20 °C, sea level, VSWR 1.0)

400 W typ. @ 300 MHz

Material And Plating

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

BNC plug (male) / UHF jack (female)
Straight adaptor DC- 300 MHz

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Mechanical Data

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

Environmental Data

Temperature Range	-55°C to +145°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