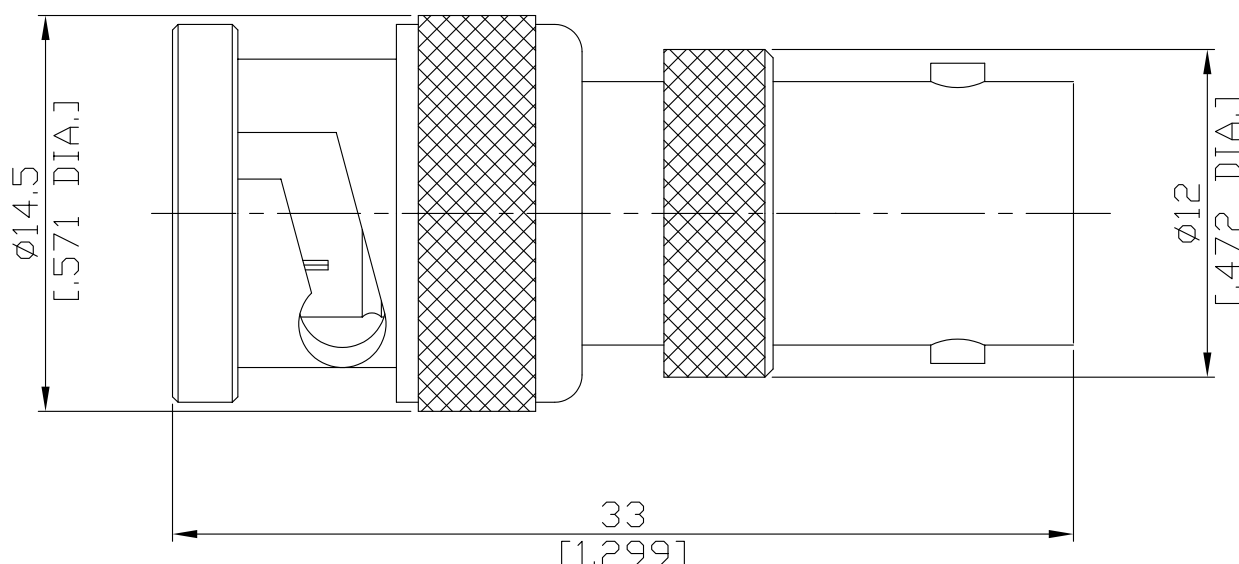


BNC plug (male) / BNC jack (female) Adaptors Straight DC-6GHz VSWR1.2

AD-B1B25A / H44-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

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

Electrical Data

Impedance	50 Ω
Frequency	DC to 6 GHz
VSWR (Return Loss)	≤ 1.2 (≥ 20.83 dB)
Insertion Loss	$\leq 0.05 \times \sqrt{F}$ (GHz) dB
Insulation resistance	≥ 5 G Ω
Center contact resistance	≥ 1.5 m Ω
Outer contact resistance	≥ 1 m Ω
Test voltage	1500 V rms
Working voltage	400 V rms
Power handling	≥ 80 W @ 2 GHz

Material And Plating

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	
Gasket	Silicone Rubber	
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	

BNC plug (male) / BNC jack (female) Adaptors Straight DC-4GHz VSWR1.2

AD-B1B25A / H44-H4

Mechanical Data

Coupling Mechanisms	Bayonet-lock
Mating Cycles	min. 500
Center Contact Captivation	≥ 15 N

Environmental Data

Temperature Range	-65°C to +125°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