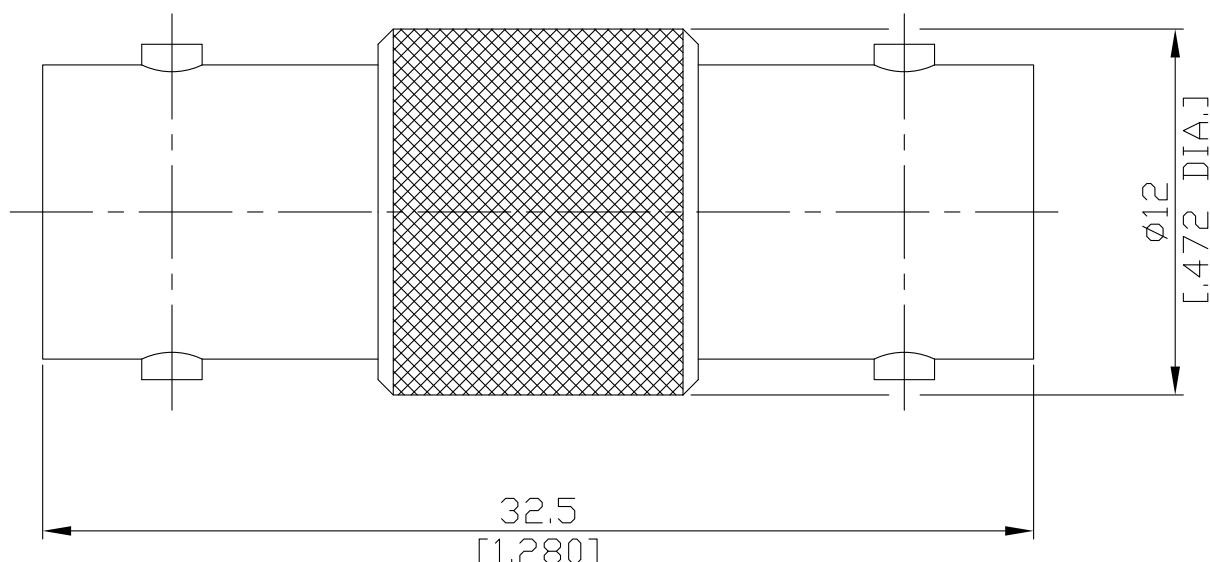


BNC jack (female) / BNC jack (female) Adaptors Straight DC-4GHz VSWR1.2

AD-B2B25A / 9X-9X



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 4 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
Dielectric Withstanding Voltage	1500 VRMS
RF High Potential Withstanding Voltage:	1000 VRMS

Material And Plating

Piece Parts (BNC)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Piece Parts (BNC)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Stainless Steel	Passivated
Insulator	PTFE	

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:
Date:
10/7/2018

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

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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