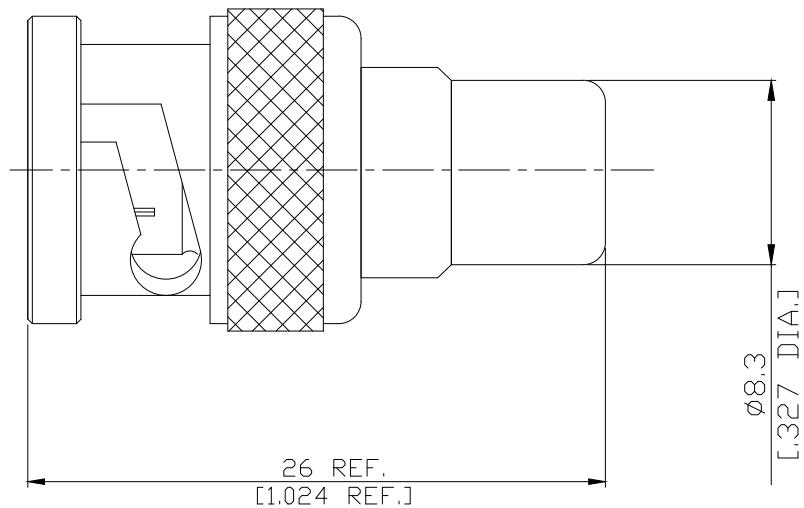


BNC plug (male) / RCA jack (female) Straight adaptor DC- 250 MHz

AD-B1RCA25A / 133-H3



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

InterfaceBNC side according to
RCA side according toIEC 60169-8; MIL-STD-348B/301
N/A**Electrical Data**

Impedance	50 Ω	
Frequency	DC to 250 MHz	
VSWR (Return Loss)	N/A	
Insertion Loss	N/A	
Center contact resistance	≤ 1.5 mΩ, BNC side;	N/A, RCA
Outer contact resistance	≤ 1 mΩ, BNC side;	N/A, RCA
Dielectric Withstanding Voltage	≤ 1500 V	
Operating voltage	500 V rms	

Material And Plating

Piece Parts (BNC)	Material	Plating
Centre contact	Brass	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel
Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Nickel
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:

JUL/16/2021

Rosnol RF/Microwave Technology Co., Ltd.

www.rosnol.com; info@rosnol.com

Phone: +886-3-463-5095 / Fax: +886-3-463-5952

N-CAGE Code: SFKK0 / ISO9001 Certified

Page

1/2

BNC plug (male) / RCA jack (female) Straight adaptor DC- 250 MHz

AD-B1RCA25A / 133-H3

Mechanical Data

	BNC side	RCA side
Coupling mechanisms	Bayonet-lock	Push-on
Mating cycles	min. 500	min. 500
Center contact captivation: axial	≥ 28 N	N/A
Coupling test torque	N/A	N/A
Recommended torque	N/A	N/A

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. D
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Packing

Single or 100