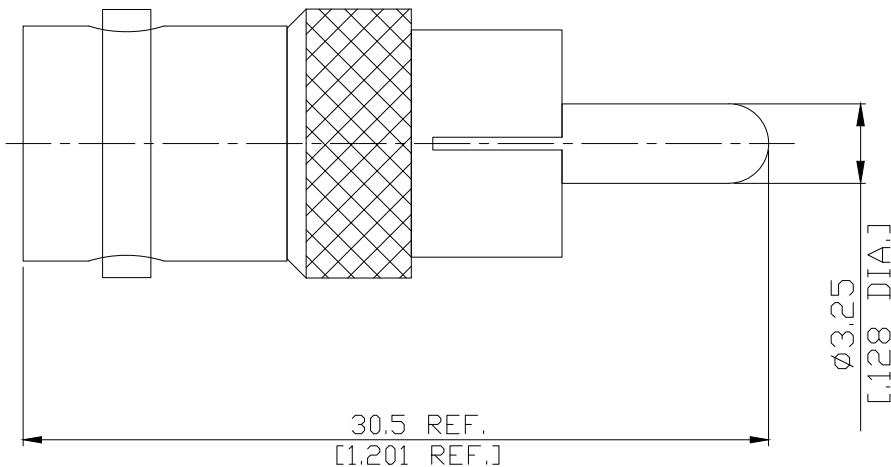


RCA plug (male) / BNC jack (female) Straight adaptor DC- 250 MHz

AD-RCA1B25A / 133-H3



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

BNC side according to	IEC 60169-8; MIL-STD-348B/301
RCA side according to	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 side
Outer contact resistance	≤ 1 mΩ, BNC side	N/A, RCA side
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	
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	

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

AD-RCA1B25A / 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	-40°C to +60°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