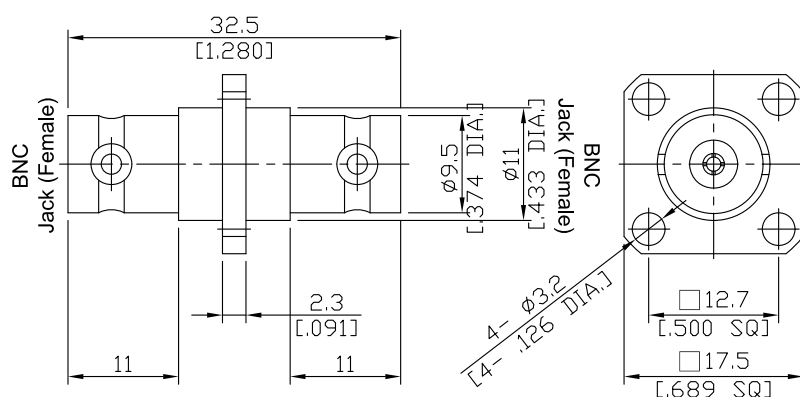
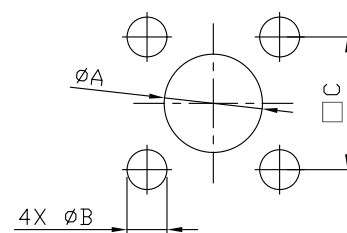


75Ω BNC Jack (Female) to 75Ω BNC Jack (Female) 4 Hole Flange Mount Adapter
DC-1 GHz, VSWR ≤ 1.35

AD-B2B27A-PF / 93-93



Mounting Dimension



	mm		inch	
	Max.	Min.	Max.	Min.
A	11.3	11.2	.445	.441
B	3.30	3.20	.130	.126
C	12.75	12.65	.502	.498

All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

MIL-STD-348B/330; IEC 61169-8; MIL-PRF-39012; CECC 22120

Electrical Data

Impedance	75 Ω
Frequency	DC to 1 GHz
VSWR (Return Loss)	≤ 1.35 (≥ 16.54 dB)
Insertion Loss	≤ 0.115 × √F (GHz) dB
Insulation resistance	≥ 5 GΩ
Center contact resistance	≤ 1.5 mΩ
Outer contact resistance	≤ 1 mΩ
Test voltage	1500 V rms
Working voltage	400 V rms
Power handling (at 20 °C, sea level, VSWR 1.0)	≤ 80 W @ 2 GHz

Material And Plating

Piece Parts (BNC)	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Nickel
Insulator	PTFE	
Piece Parts (BNC)	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Nickel
Insulator	PTFE	

75Ω BNC Jack (Female) to 75Ω BNC Jack (Female) 4 Hole Flange Mount Adapter
DC-1 GHz, VSWR ≤ 1.35

AD-B2B27A-PF / 93-93

Mechanical Data

Coupling mechanisms	Bayonet-lock
Mating cycles	min. 500
Center contact captivation: axial	≥15 N

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. B
Shock	MIL-STD-202, Meth. 213, Cond. G
Moisture resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Packing

Single or 100