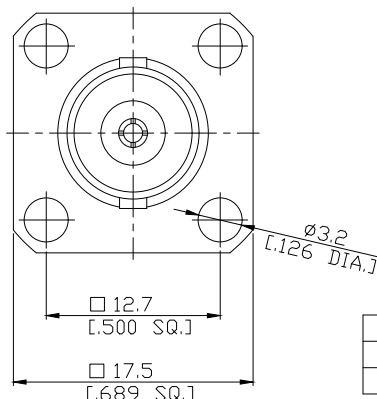
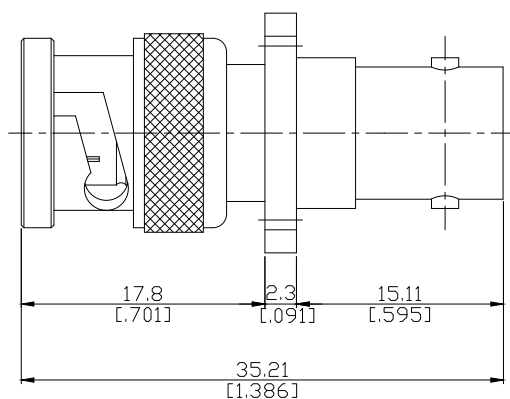
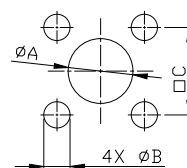


BNC plug (male) / BNC jack (female)
Panel 4 Hole Flange Mount Adapter DC-4 GHz VSWR1.20

AD-B1B25A-PF / H44-H4



Mounting Dimensions



	mm		inch	
	Max.	Min.	Max.	Min.
A	12.1	12	.476	.472
B	3.4	3.3	.134	.130
C	12.9	12.8	.508	.504

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)	≥ 1.20 (≥ 20.8 dB)
Insertion Loss	≤ 0.01 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 (at 20 °C, sea level, VSWR 1.0)	≤ 80 W @ 2 GHz

Material And Plating

Piece Parts (BNC)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Piece Parts (BNC)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Brass	Copper-Tin-Zinc Alloy
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

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BNC plug (male) / BNC jack (female)
Panel 4 Hole Flange Mount Adapter DC-4 GHz VSWR1.20

AD-B1B25A-PF / H44-H4

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