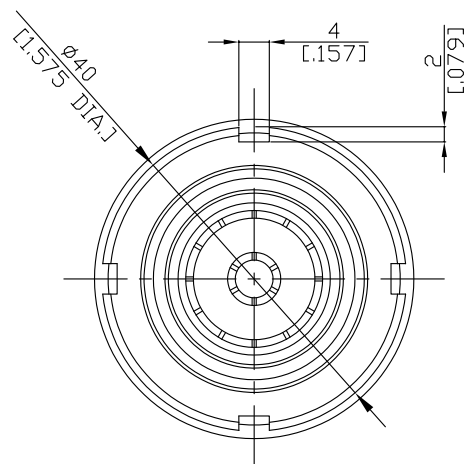
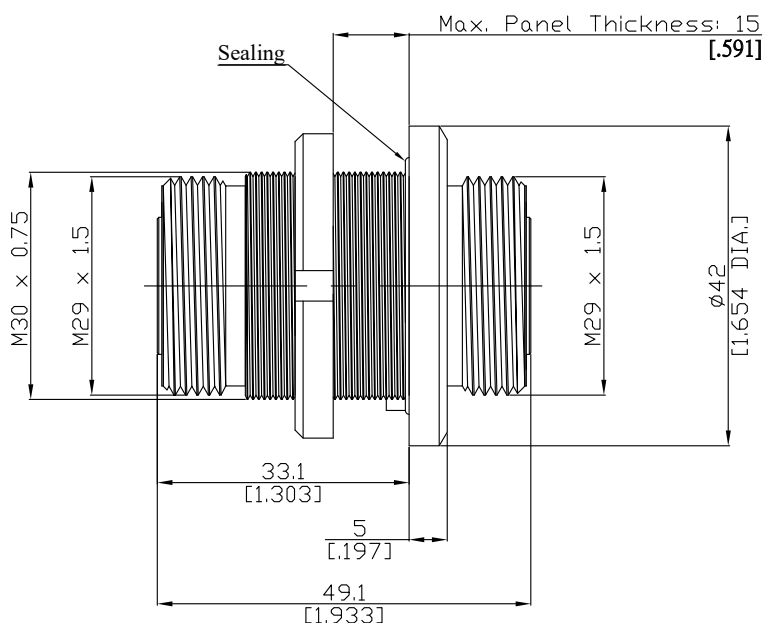


7/16 jack (female) / 7/16 jack (female) Bulkhead Adaptor
DC-7.5 GHz, VSWR ≤ 1.22

AD-D2D25A-BH/84-84



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

according to

CECC 22190; IEC 61169-4

Electrical Data

Impedance

50 Ω

Frequency

DC to 7.5 GHz

VSWR (Return Loss)

≤ 1.22 (≥ 20 dB)

Insertion Loss

≤ 0.05 x √F (GHz) dB

Insulation resistance

≥ 10 GΩ

Center contact resistance

≤ 0.4 mΩ

Outer contact resistance

≤ 1.5 mΩ

Working voltage

500 V rms

Power handling (at 20 °C, sea level, VSWR 1.0)

1800 W @ 1 GHz

800 W @ 4 GHz

RF-leakage

≥ 128 dB @ DC to 1 GHz

Material And Plating

Piece Parts (7/16)	Material	Plating
Centre contact	Beryllium Copper	Silver
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Fastening nut	Brass	Copper-Tin-Zinc Alloy
Washer	Brass	Copper-Tin-Zinc Alloy
Piece Parts (7/16)	Material	Plating
Centre contact	Beryllium Copper	Silver
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating cycles	≥ 500
Center contact captivation: axial	≥ 200 N
radial	≥ 2 Ncm
Coupling torque (recommended)	25 to 30 Nm
Proof torque	≤ 35 Nm

Environmental Data

Temperature Range	-65°C to +165°C
Rapid change of temperature	DIN EN 122190, Sub-clause 4.6.7
Corrosion resistance	DIN EN 122190, Sub-clause 4.6.10
Vibration	DIN EN 122190, Sub-clause 4.6.3
Climatic category	DIN EN 122190, Sub-clause 4.6.5 (55/155/56)
Damp heat	DIN EN 122190, Sub-clause 4.6.6
Degree of protection (mated pair)	IEC 60529, IP68 2.5 bar 1h
RoHS	compliant

Packing

Single or 100