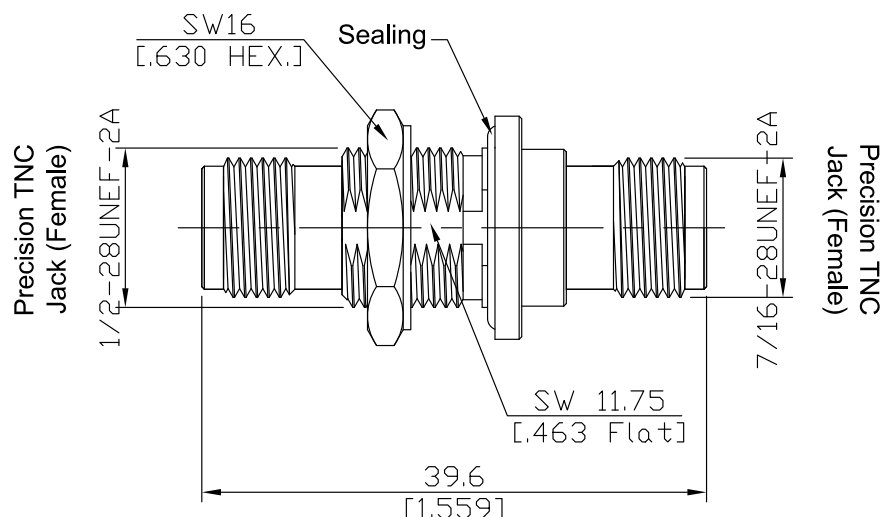
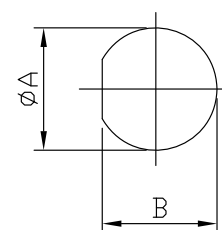


Precision TNC Jack (Female) / Precision TNC Jack (Female) Bulkhead Adaptor
DC-18 GHz, VSWR ≤ 1.2

AD-PCT2PCT25A-BH / 9X-9X



Mounting Dimension



	mm		inch	
	Max.	Min.	Max.	Min.
A	12.8	12.7	.504	.50
B	12.1	12	.476	.472

All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-26; CECC 22 200; MIL-PRF-39012; MIL-STD-348B/406

Electrical Data

Impedance	50 Ω
Frequency	DC to 18 GHz
VSWR (Return Loss)	≤ 1.2 (> 20.83 dB)
Insertion Loss	≤ 0.06 × √F (GHz) dB
Insulation resistance	≤ 5 GΩ
Center contact resistance	≤ 1.5 mΩ
Outer contact resistance	≤ 0.2 mΩ
Test voltage	1500 V rms
Working voltage (at sea level)	500 V rms

Material And Plating

Piece Parts (Precision TNC)	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Fastening nut	Stainless Steel	Stainless Steel
Washer	Brass	Copper-Tin-Zinc Alloy
Piece Parts (Precision TNC)	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Stainless Steel	Passivated
Insulator	PTFE	

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AD-PTC2PCN25A-BH / 9X-9X

Mechanical Data

Coupling mechanisms	Screw-lock
Mating cycles	≥ 500
Center contact captivation: axial	≥ 27 N
Coupling test torque	≤ 1.7 Nm
Recommended torque	0.46 Nm to 0.69 Nm

Environmental Data

Temperature Range	-65°C to +165°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Shock	MIL-STD-202, Method 213, Condition I
Moisture resistance	MIL-STD-202, Method 106
Degree of protection (mated pair)	IEC 60529, IP 68 (assembled in housing)
RoHS	compliant

Packing

Single or 100