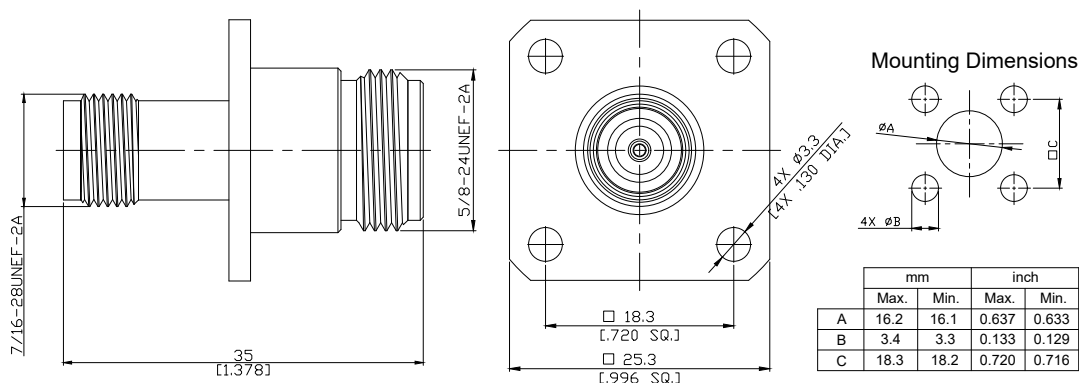


N Jack (female) / TNC Jack (female)
4-Hole Panel Adapter, DC-11 GHz, VSWR ≤ 1.20

AD-N2T25B-PF / 93-93



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

N according to

IEC 61169-16; MIL-STD-348B/304

TNC according to

IEC 60169-17; MIL-STD-348B/313

Electrical Data

Impedance	50 Ω	
Frequency	DC to 11 GHz	
VSWR (Return Loss)	≤ 1.20 (≥ 20.83 dB)	
Insertion loss	≤ 0.1 x √F (GHz) dB	
Insulation resistance	≥ 5 GΩ	
Center contact resistance	≤ 1 mΩ, N side	≤ 1.5 mΩ, TNC side
Outer contact resistance	≤ 0.25 mΩ, N side	≤ 1 mΩ, TNC side
Working voltage	400 V rms	
Power handling (at 20 °C, sea level, VSWR 1.0)	≤ 80 W @ 2 GHz	
Dielectric withstanding Voltage	1500 V min	
RF leakage	< -50dBi @ 2GHz, < -45 dBi @ 8GHz	

Material And Plating

Piece Parts (N)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Nickel
Insulator	PTFE	
Piece Parts (TNC)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Nickel
Insulato	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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N Jack (female) / TNC Jack (female)
4-Hole Panel Adapter, DC-11 GHz, VSWR ≤ 1.20

AD-N2T25B-PF / 93-93

Mechanical Data

	N side	TNC side
Coupling mechanisms	Screw-lock	Screw-lock
Mating cycles	min. 500	min. 500
Center contact captivation: axial	≥ 28 N	≥ 28 N
Coupling test torque	max. 1.7 Nm	max. 1.7 Nm
Recommended torque	0.7 Nm to 1.1 Nm	0.46 Nm to 0.69 Nm

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. I
Moisture resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Packing

Single or 100