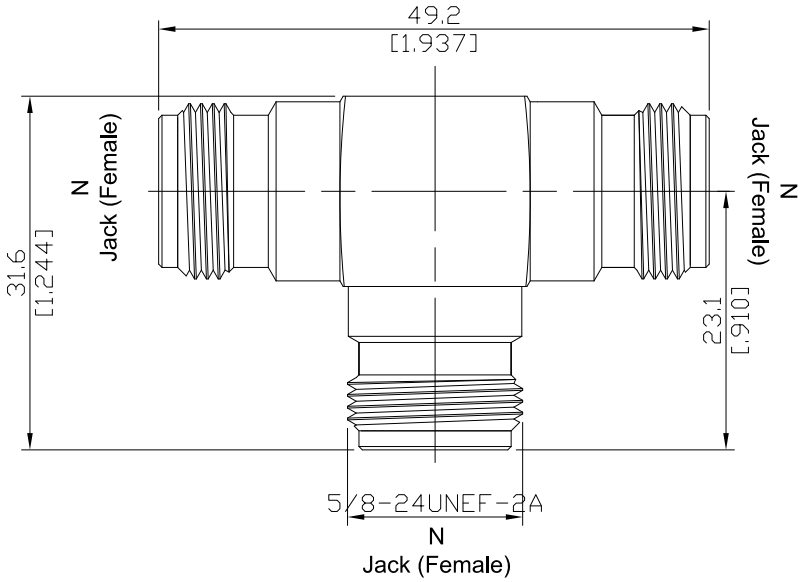
ROSNOL®
RF/Microwave Interconnect

Technical Data Sheet

N Jack (Female) / N Jack (Female) / N Jack (Female)
T-Adaptor 3 Jacks DC-11 GHz

ADT-N2N2N25A / H3-H3-H3



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

Interface

According to	IEC 60169-16; MIL-STD-348B/304; CECC 22210; MIL-PRF-39012

Electrical Data

Impedance	50 Ω	
Frequency	DC to 11 GHz	
Return loss	N/A	
Insulation resistance	≥ 5 GΩ	
Center contact resistance	≤ 1 mΩ	
Outer contact resistance	≤ 0.25 m mΩ	
Working voltage (at sea level)	500 V rms	
Power handling (at 20 °C, sea level, VSWR 1.0)	1000 W @ 1 GHz	700 W @ 2 GHz
RF-leakage	≥ 128 dB @ DC to 1 GHz	

Material And Plating

Piece Parts (N)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Nickel
Insulator	PTFE	
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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.

Rosnol RF/Microwave Technology Co., Ltd.
www.rosnol.com; info@rosnol.com
Phone: +886-3-463-5095 / Fax: +886-3-463-5952
N-CAGE Code: SFKK0 / ISO9001 Certified

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Mechanical Data	
Coupling mechanisms	Screw-lock
Mating cycles	≥ 500
Center contact captivation: axial	≥ 28 N
Coupling test torque	≤ 1.7 Nm
Recommended torque	0.7 Nm to 1.1 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, Method 213, Condition I
Moisture resistance	MIL-STD-202, Meth. 106
RoHS	compliant
Packing	
	Single or 100

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