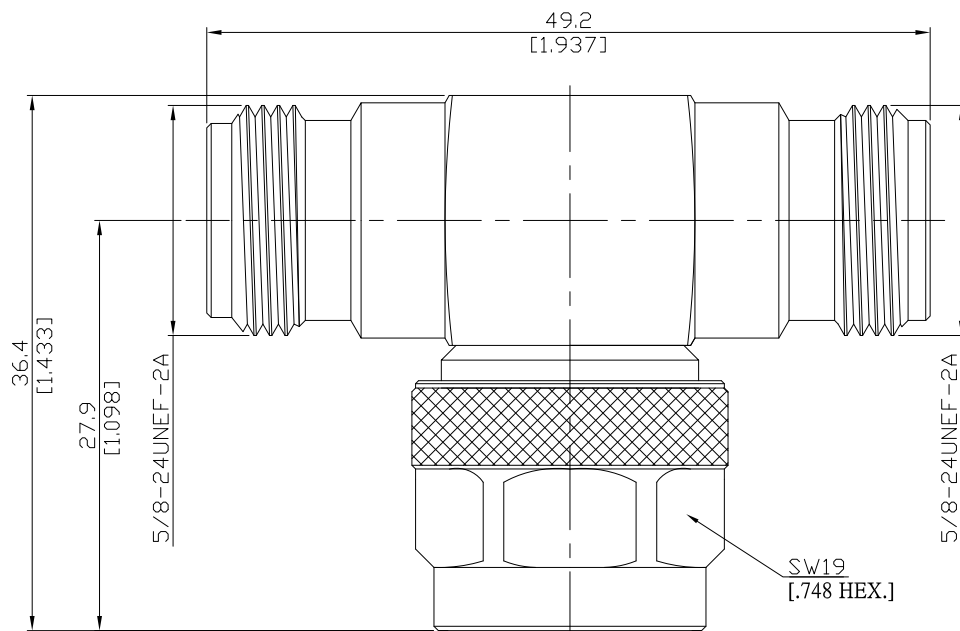


N jack (female) / N plug (male) / N jack (female)
T-Adaptor 1 plug , 2 jacks DC-11 GHz

ADT-N2N1N25A / 83-033-83



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

according to

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

Electrical Data

Impedance	50 Ω	
Frequency	DC to 11 GHz	
Return loss	N/A	
Insulation resistance	≤ 1 mΩ	
Center contact resistance	≤ 0.25 mΩ	
Outer contact resistance	≤ 1 mΩ	
Working voltage	500 V rms	
Power handling	1000 W @ 1 GHz	700 W @ 2 GHz
RF-leakage	≥ 128 dB @ DC to 1 GHz	

Material And Plating

Piece Parts (N male)	Material	Plating
Centre contact	Brass	Silver
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel
Piece Parts (N female)	Material	Plating
Centre contact	Beryllium Copper	Silver
Body	Brass	Nickel
Insulator	PTFE	

N jack (female) / N plug (male) / N jack (female)
T-Adaptor 1 plug , 2 jacks DC-11 GHz

ADT-N2N1N25A / 83-033-83

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