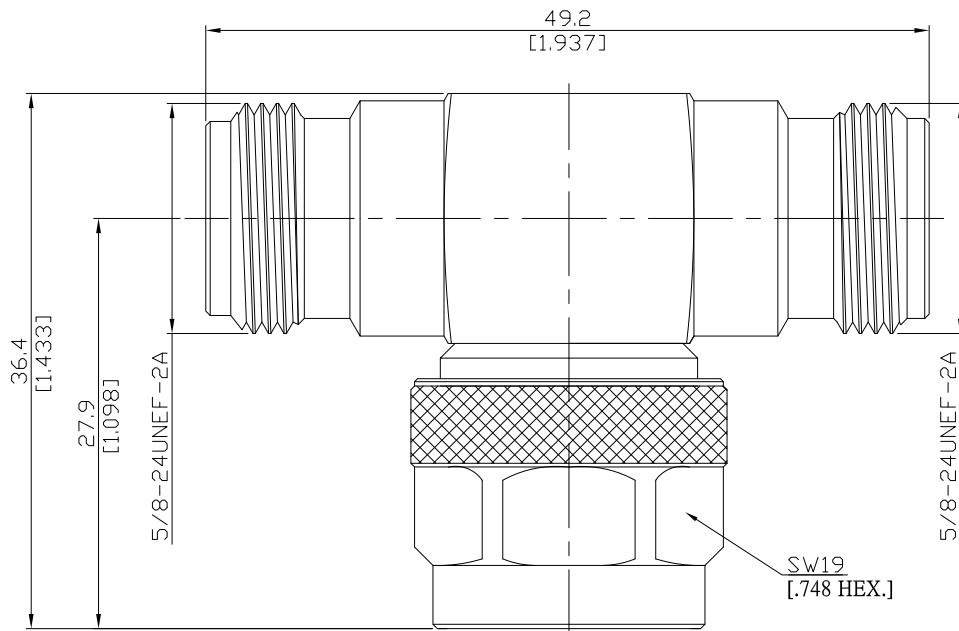


N jack (female) / N plug (male) / N jack (female)  
T-Adaptor 1 plug, 2 jacks DC-11 GHz

**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

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-CAGE Code: SFKK0 / ISO9001 Certified

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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