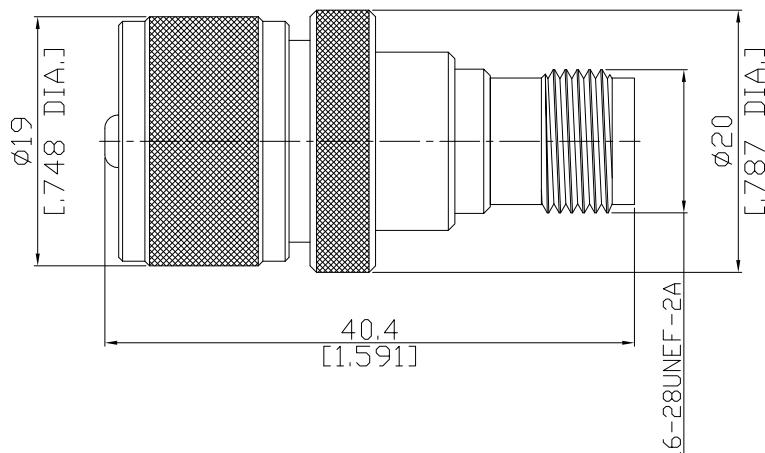


UHF plug (male) / TNC jack (female)
Adapter DC-300 MHz VSWR1.30

AD-U1T25A / H44-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

UHF side according to

IEC 60169-12

TNC side according to

IEC 61169-17; MIL-STD-348B/304

Electrical Data

Impedance

50 Ω

Frequency

DC to 300 MHz

VSWR (Return Loss)

≤ 1.30 (≥ 17.7 dB)

Insulation resistance

≥ 5 GΩ

Center contact resistance

≤ 5 mΩ, UHF side;

Outer contact resistance

≤ 5 mΩ, UHF side;

≤ 1.5 mΩ, TNC side

≤ 1 mΩ, TNC side

Mechanical Data

Coupling mechanisms

UHF Side

TNC Side

Mating Cycles

Screw-lock

Screw-lock

Center contact captivation: axial

min. 500

min. 500

Coupling test torque

≥ 30 N

≥ 27 N

Recommended torque

N/A

≤ 1.7 Nm

N/A

0.46 Nm to 0.69 Nm

Environmental Data

Temperature Range

-55°C to +149°C

RoHS

compliant

Material And Plating

Piece Parts (UHF)

Material

Plating

Centre contact

Phosphor Bronze

Gold plating, 3 µinch

Body

Brass

(Non-magnetic nickel-phosphorus underplating, 80 µinch)

Insulator

PTFE

Copper-Tin-Zinc Alloy

Coupling nut

Brass

Copper-Tin-Zinc Alloy

Piece Parts (TNC)

Material

Plating

Centre contact

Phosphor Bronze

Gold plating, 3 µinch

Body

Brass

(Non-magnetic nickel-phosphorus underplating, 80 µinch)

Insulator

PTFE

Copper-Tin-Zinc Alloy

Packing

Single or 100

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.:-

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N-CAGE Code: SFKK0 / ISO9001 Certified

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