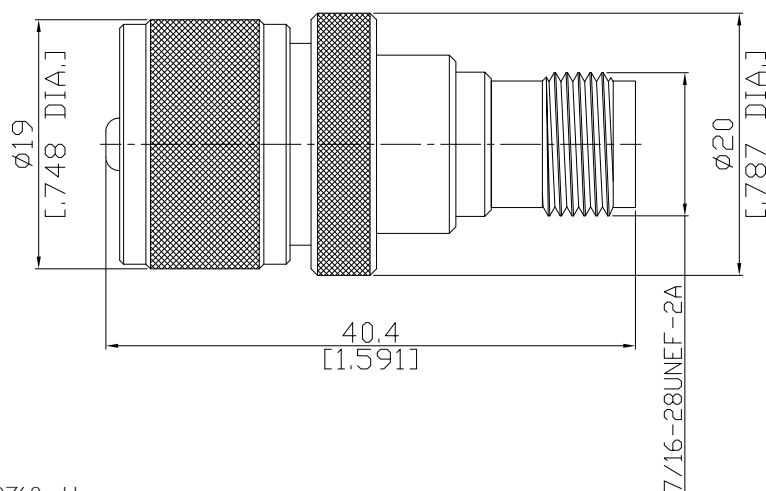


UHF plug (male) / TNC jack (female)
Adapter DC-300 MHz VSWR1.30

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;

≤ 1.5 mΩ, TNC side

Outer contact resistance

≤ 5 mΩ, UHF 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 (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Piece Parts (TNC)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	

Packing

Single or 100