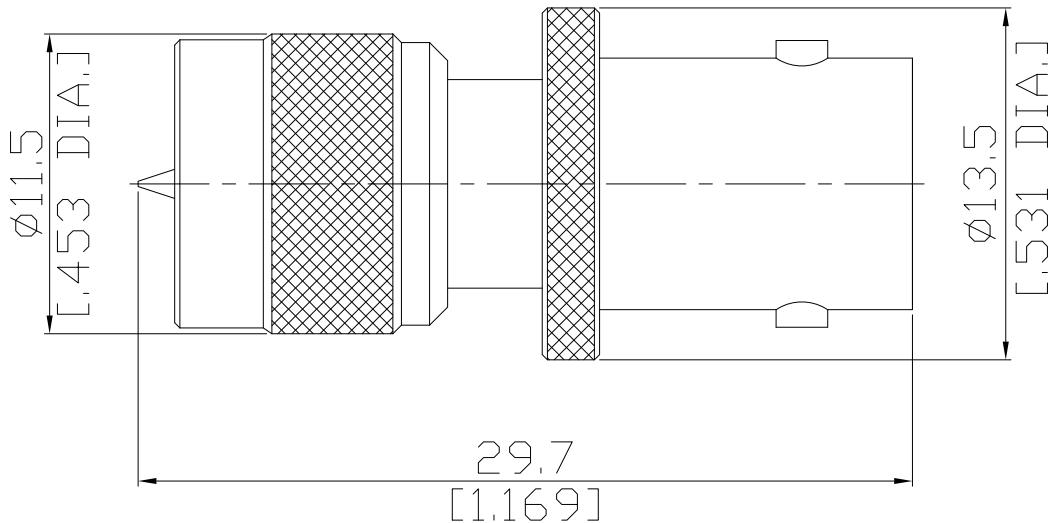


Mini UHF plug (male) / BNC jack (female)
Straight adaptor DC- 2.5 GHz

AD-MU1B25A / 933-93



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

UHF according to

IEC 60169-12

BNC according to

IEC 60169-8; MIL-STD-348B/301

Electrical Data

Impedance

50 Ω

Frequency

DC to 2.5 GHz

Center contact resistance

≤ 5 mΩ, UHF side

≤ 1.5 mΩ, BNC side;

Outer contact resistance

≤ 5 mΩ, UHF side

≤ 1 mΩ, BNC side;

Test voltage

1500 V rms

Working voltage

400 V rms

Contact current (DC)

≤ 10 A typ.

Power handling (at 20 °C, sea level, VSWR 1.0)

400 W typ. @ 300 MHz

Material And Plating

Piece Parts (Mini UHF)

Material	Plating
Centre contact	Beryllium Copper Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)

Body	Brass	Nickel
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Insulator	PTFE	
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Coupling nut	Brass	Nickel
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Piece Parts (BNC)

Material	Plating
Centre contact	Beryllium Copper Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)

Body	Brass	Nickel
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Insulator	PTFE	
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Mini UHF plug (male) / BNC jack (female)
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Mechanical Data

Coupling mechanisms
Mating cycles
Center contact captivation: axial

UHF side
Screw-lock
min. 500
≥ 30 N

BNC side
Bayonet-lock
min. 500
≥ 30 N

Environmental Data

Temperature Range
Thermal shock
Corrosion
Vibration
Shock
Moisture resistance
RoHS

-55°C to +145°C
MIL-STD-202, Meth. 107, Cond. B
MIL-STD-202, Meth. 101, Cond. B
MIL-STD-202, Meth. 204, Cond. B
MIL-STD-202, Meth. 213, Cond. G
MIL-STD-202, Meth. 106
compliant

Packing

Single or 100