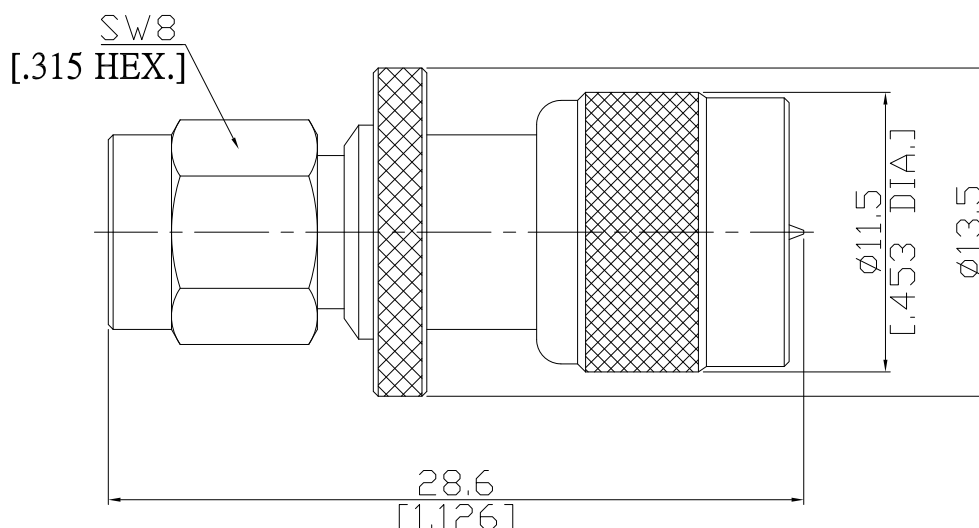


SMA plug (male) / Mini UHF plug (male)
Straight adaptor DC- 2.5 GHz

AD-A1MU15A / 111-144



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

SMA according to

IEC 60169-15; MIL-STD-348A/310

Mini UHF according to

IEC 60169-12

Electrical Data

Impedance

50 Ω

Frequency

DC to 2.5 GHz

Insulation resistance

≥ 5 G Ω

Center contact resistance

≤ 3 m Ω , SMA side

≤ 5 m Ω , Mini UHF side

Outer contact resistance

≤ 2 m Ω , SMA side

≤ 3 m Ω , Mini UHF side

Test voltage

1000 V rms

Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Brass	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Brass	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Piece Parts (Mini UHF)	Material	Plating
Centre contact	Brass	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Coupling nut	Brass	Copper-Tin-Zinc Alloy

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Mechanical Data

Coupling mechanisms	SMA side	Mini UHF side
Mating cycles	Screw-lock	Screw-lock
Center contact captivation: axial	min. 500	min. 500
Coupling test torque	≥ 27 N	≥ 30 N
Recommended torque	≤ 1.7 Nm	N/A
	0.8 Nm to 1.1 Nm	N/A

Environmental Data

Temperature Range	-55°C to +165°C
RoHS	compliant

Packing

Single or 100