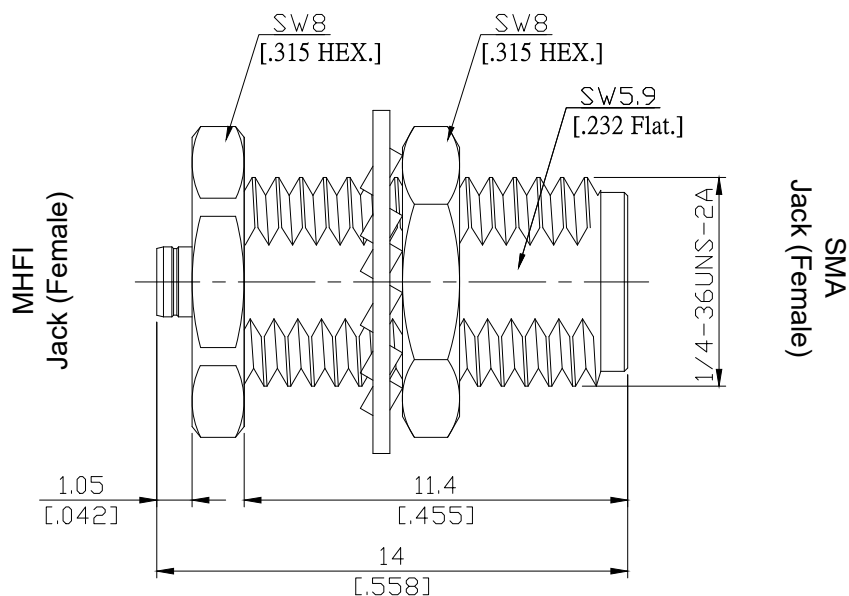


SMA jack (female) / MHFI jack (female)
Straight adaptor DC- 10 GHz

AD-A2MHFI25A-BH / 91-91



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

SMA according to

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

MHFI according to

N/A

Electrical Data

Impedance

50 Ω

Frequency

DC to 10 GHz

VSWR(Return loss)

≤ 1.4 (≥ 15.6 dB)

Insulation resistance

≥ 5 G Ω

Center contact resistance

≤ 3 m Ω , SMA side

Outer contact resistance

≤ 2 m Ω , SMA side

Test voltage

1000 V rms

Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Brass	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Piece Parts (MHFI)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Brass	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Insulator	PTFE	

SMA jack (female) / MHFI jack (female)
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Mechanical Data

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

Environmental Data

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

Packing

Single or 100