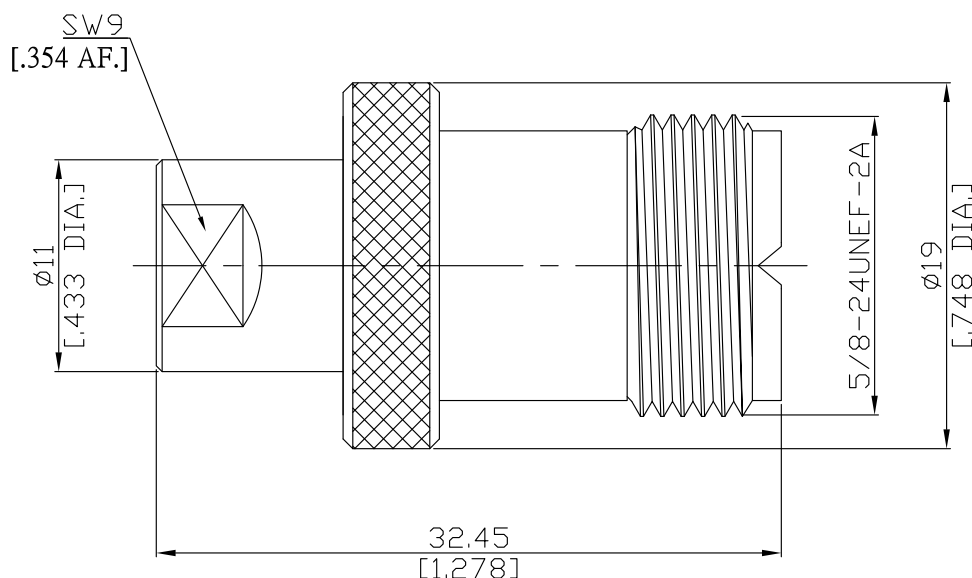


FME plug (male) / UHF jack (female)
Straight Adaptor DC-300 MHz

AD-E1U25A / 13-93



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

FME according to

N/A

UHF according to

IEC 60169-12

Electrical Data

Impedance

50 Ω

Frequency

DC to 300 MHz

Insulation resistance

≥ 5 GΩ

Center contact resistance

≤ 10 mΩ, FME side

≤ 5 mΩ, UHF side;

Outer contact resistance

≤ 1.5 mΩ, FME side

≤ 5 mΩ, UHF side;

Material And Plating

Piece Parts (FME)	Material	Plating
Centre contact	Brass	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Nickel
Insulator	PTFE	
Piece Parts (UHF)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Nickel
Insulator	PTFE	

FME plug (male) / UHF jack (female)
Straight Adaptor DC-300 MHz

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Mechanical Data

Coupling mechanisms	FME side	UHF side
Mating cycles	Screw-lock	Screw-lock
Center contact captivation: axial	min. 300	min. 500
Coupling test torque	≥ 28 N	≥ 30 N
	max. 2 Nm	N/A

Environmental Data

Temperature Range	-65°C to +165°C
RoHS	compliant

Packing

Single or 100