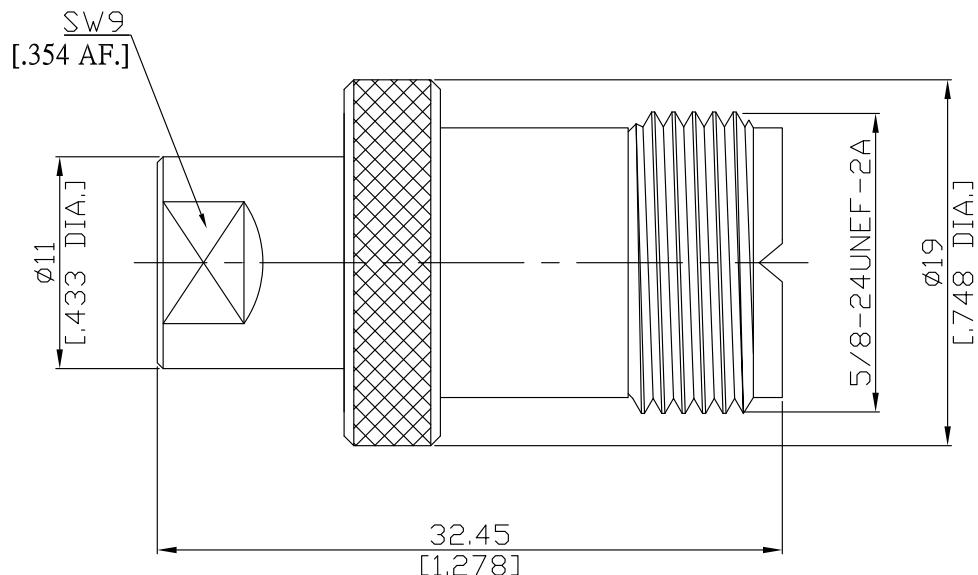


FME plug (male) / UHF jack (female)
Straight Adaptor DC-300 MHz

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
Outer contact resistance	≤ 1.5 mΩ, FME side
	≤ 5 mΩ, UHF 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
Mating cycles
Center contact captivation: axial
Coupling test torque

FME side
Screw-lock
min. 300
≥ 28 N
max. 2 Nm

UHF side
Screw-lock
min. 500
≥ 30 N
N/A

Environmental Data

Temperature Range
RoHS

-65°C to +165°C
compliant

Packing

Single or 100