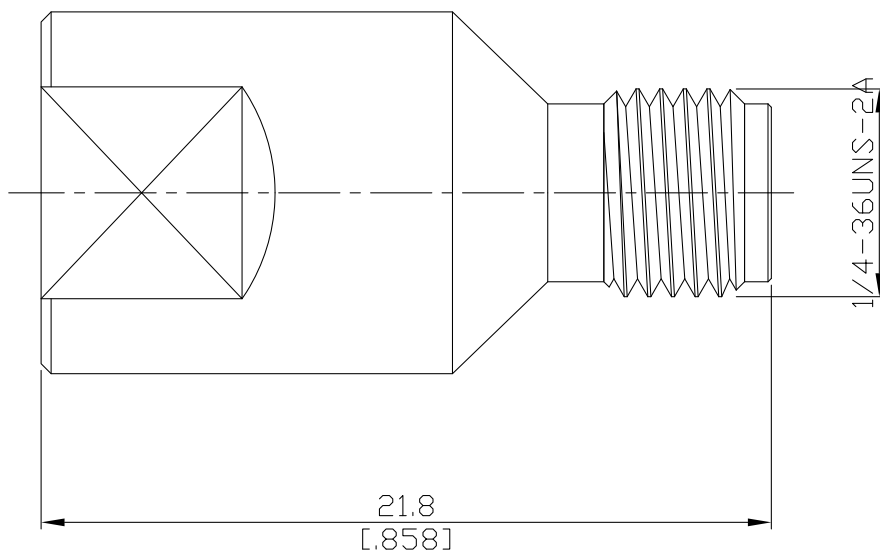


FME plug (male) / SMA jack (female)
Straight Adaptor DC-2.5 GHz

AD-E1A25A / H4-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

FME according to	N/A
SMA according to	IEC 61169-8; MIL-STD-348B/301

Electrical Data

Impedance	50 Ω	
Frequency	DC to 2.5 GHz	
Insulation resistance	≥ 5 G Ω	
Center contact resistance	≤ 10 m Ω , FME side	≤ 3 m Ω , SMA side;
Outer contact resistance	≤ 1.5 m Ω , FME side	≤ 2 m Ω , SMA side;
Test voltage	1000 V rms	
Working voltage	480 V rms	

Material And Plating

Piece Parts (FME)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Piece Parts (SMA)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	

FME plug (male) / SMA jack (female)
Straight Adaptor DC-2.5 GHz

AD-E1A25A / H4-H4

Mechanical Data

	FME side	SMA side
Coupling mechanisms	Screw-lock	Screw-lock
Mating cycles	min. 300	min. 500
Coupling nut retention	N/A	≥ 270 N
Center contact captivation: axial	≥ 28 N	≥ 27 N
Coupling test torque	max. 2 Nm	max. 1.7 Nm
Recommended torque	N/A	0.8 Nm to 1.1 Nm

Environmental Data

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

Packing

Single or 100