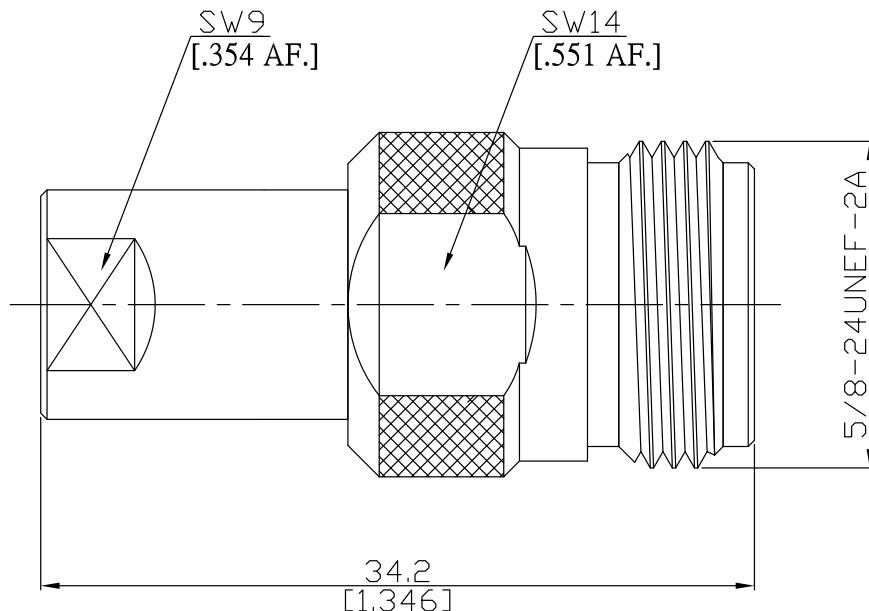


FME plug (male) / N jack (female)
Straight Adaptor DC-2 GHz VSWR ≤ 1.43

AD-E1N25A / 13-93



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

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

Electrical Data

Impedance	50 Ω
Frequency	DC to 2 GHz
VSWR (Return Loss)	≤ 1.43 (≥ 15 dB)
Insertion loss	≤ 0.1 x √f (GHz) dB
Insulation resistance	≥ 5 GΩ
Center contact resistance	≤ 10 mΩ, FME side
Outer contact resistance	≤ 1.5 mΩ, FME side
Test voltage	1000 V rms
Working voltage	500 V rms

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 (N)	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) / N jack (female)
Straight Adaptor DC-2 GHz VSWR \leq 1.43

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Mechanical Data

Coupling mechanisms	FME side	N side
Mating cycles	Screw-lock	Screw-lock
Coupling nut retention	min. 300	min. 500
Center contact captivation: axial	N/A	\geq 450 N
Coupling test torque	\geq 28 N	\geq 28 N
Recommended torque	max. 2 Nm	max. 1.7 Nm
	N/A	0.7 Nm to 1.1 Nm

Environmental Data

Temperature Range	-65°C to +165°C
Environmental tests	MIL-STD-202
RoHS	compliant

Packing

Single or 100