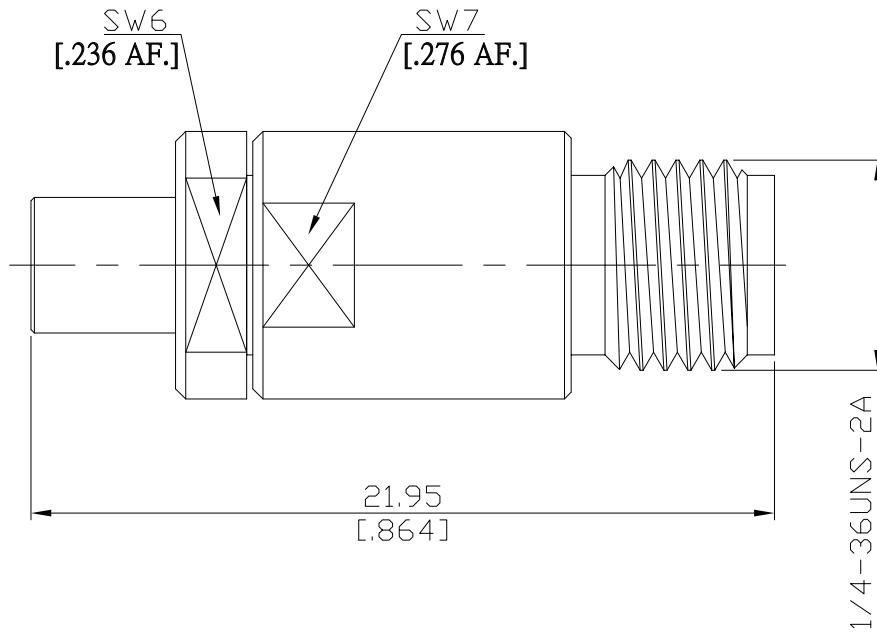


SMPM plug (male) Full detent / 2.92mm Jack (Female)
Adapter DC-40 GHz VSWR1.30

AD-PMF1K25A / 9X-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

SMPM side according to
2.92mm side according to

MIL-STD-348B/328
IEC 61169-35

Electrical Data

Impedance	50 Ω
Frequency	DC to 40 GHz
VSWR (Return Loss)	≤ 1.30 (≥ 17.69 dB)
Insertion Loss	≤ 0.05 x √F (GHz) dB
Insulation resistance	≥ 5 GΩ

Material And Plating

Piece Parts (SMPM)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Stainless Steel	Passivated
Insulator	PEI	
Piece Parts (2.92mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Stainless Steel	Passivated
Insulator	PEI	

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Mechanical Data

Coupling mechanisms	SMPM (Full detent) Side	2.92mm Side
Mating Cycles	Snap-on	Screw-lock
Center contact captivation axial	≥ 100	min. 500
Coupling test torque	≥ 7 N	≥ 20 N
Recommended torque	N/A	1.70 Nm
Engagement force	N/A	0.80 Nm to 1.10 Nm
Disengagement force	19 N max.	N/A
	29 N min.	N/A

Environmental Data

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

Packing

Single or 100