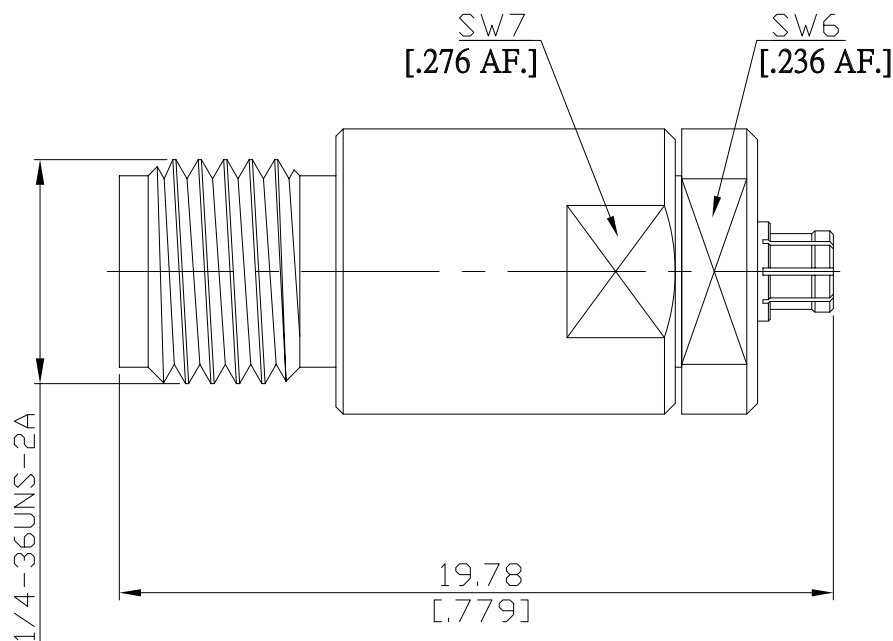


2.92mm jack (female) to SMPM jack (female) Adapter
DC-40 GHz VSWR1.30

AD-K2PM25A / 9X-99



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

2.92mm according to

IEC 61169-35

SMPM according to

MIL-STD-348B/328

Electrical Data

Impedance

50 Ω

Frequency

DC to 40 GHz

VSWR (Return Loss)

≤ 1.30 (≥ 14.0 dB)

Insertion Loss

$\leq 0.05 \times \sqrt{F}$ (GHz) dB

Material And Plating

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

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Mechanical Data

Coupling mechanisms	2.92mm side Screw-lock	SMPM side Snap-lock
Mating Cycles	≥ 500	Full detent: ≥ 100 Limited detent: ≥ 500 Smooth bore, Catchers mitt: ≥ 1000
Center contact captivation	≥ 20 N	N/A
Coupling test torque	1.70 Nm	N/A
Recommended Torque	0.80 Nm to 1.10 Nm	N/A

Environmental Data

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

Packing

Single or 100