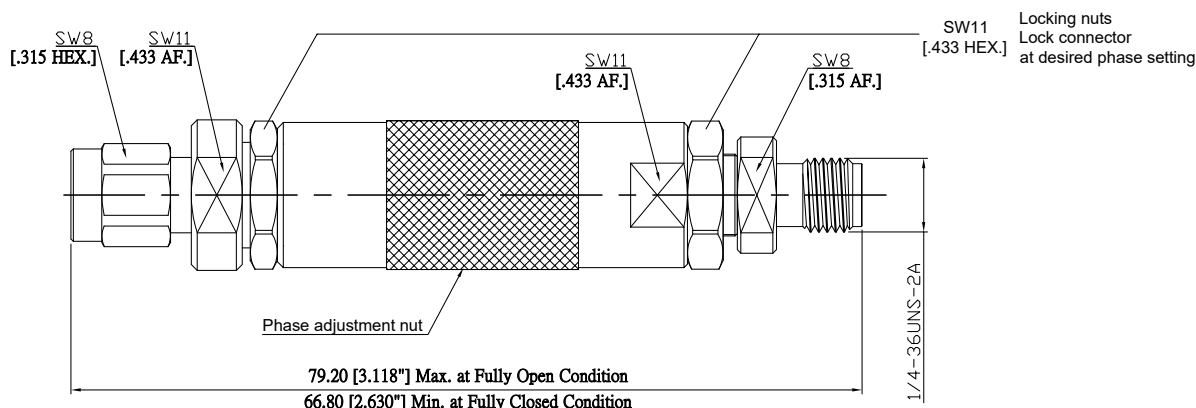


2.92mm Plug (Male) to 2.92mm Jack (Female) Adjustable Phase Trimmer
DC-40GHz VSWR1.4 with an Adjustable Phase of 15 Deg. Per GHz

APS-K1K25A-40G15 / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-35, IEEE Std 287-2007

Electrical Data

Impedance

50 Ω

Frequency

DC to 40 GHz

VSWR (Return Loss)

≤ 1.40 (≥ 15.56 dB)

Insertion Loss

$\leq 0.1 \times \sqrt{F}$ (GHz) dB

Phase Shift Range

$15^\circ \times F$ (GHz)

Phase Shift Range per Rotation

$0.6^\circ \times F$ (GHz)

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	
Gasket	Silicone Rubber	
Coupling Nut	Stainless Steel	Passivated
Lock Nut	Stainless Steel	Passivated
Phase Adjustment Nut	Stainless Steel	Passivated
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
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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Weight	N/A

Environmental Data

Temperature Range	-60°C to +165°C
RoHS	compliant

Packing

Single or 100