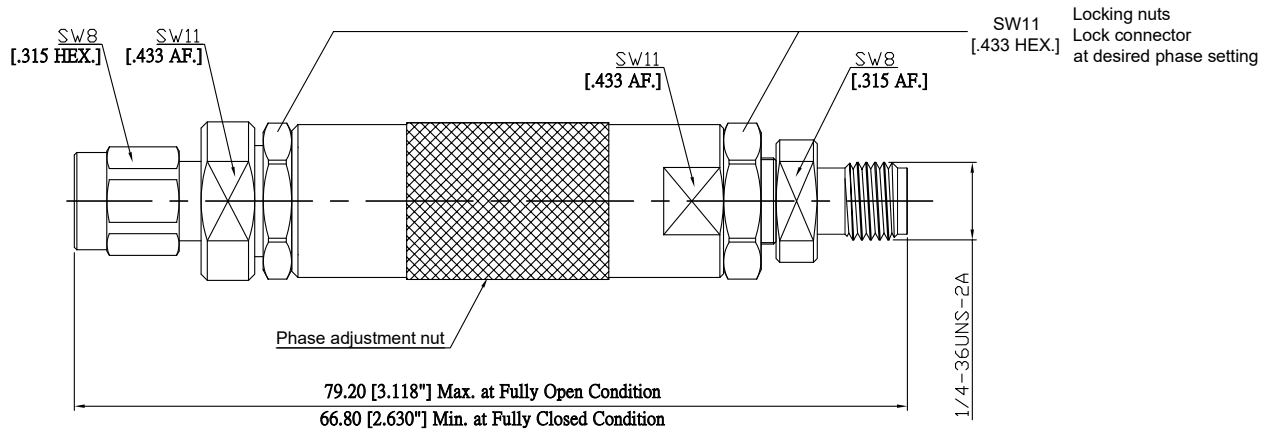


SMA Adjustable Phase Shifter
Plug(Male)-Jack(Female)

APS-A1A25A-18G15/944-94



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

Interface

According to IEC 60169-15; MIL-STD-348A/310

Electrical Data

Impedance 50 Ω
Frequency range DC to 18 GHz
VSWR (Return loss) ≤ 1.25 (≥ 19.08 dB)
Insertion loss ≤ 0.1 x √F (GHz) dB
Phase shift range 15 ° x F (GHz)
Phase shift range per rotation 0.6 ° x F (GHz)

Mechanical Data

Coupling mechanisms Screw-lock
Weight N/A

Environmental Data

Temperature range -55°C to +85°C
RoHS compliant

Material And Plating

Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Lock nut	Brass	Copper-Tin-Zinc Alloy
Phase adjustment nut	Brass	Copper-Tin-Zinc Alloy

Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Lock nut	Brass	Copper-Tin-Zinc Alloy

Packing

Single