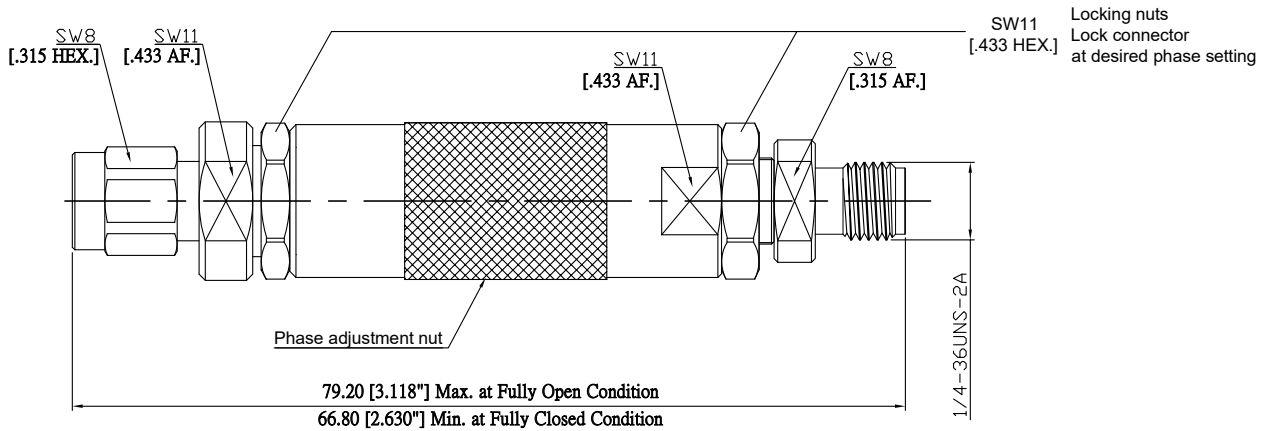


SMA Adjustable Phase Shifter  
Plug(Male)-Jack(Female)

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 × √F (GHz) dB
Phase shift range	15 ° × F (GHz)
Phase shift range per rotation	0.6 ° × 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