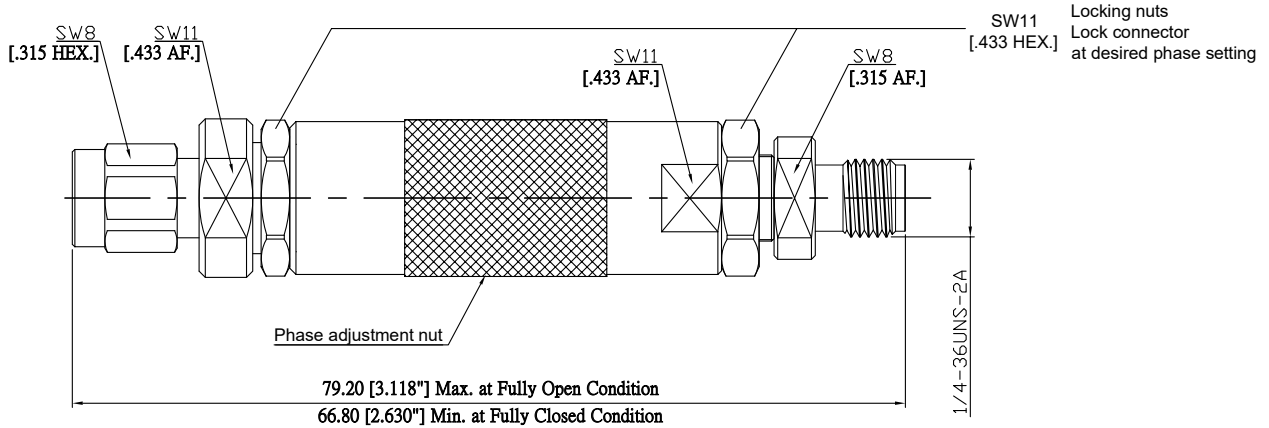


SMA Adjustable Phase Shifter
Plug(Male)-Jack(Female), DC-18 GHz, VSWR ≤1.25

APS-A1A25A-18G15/9XX-9X



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

Interface

According to IEC 60169-15; MIL-STD-348B/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	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
Lock nut	Stainless Steel	Passivated
Phase adjustment nut	Stainless Steel	Passivated

Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Lock nut	Stainless Steel	Passivated

Packing

Single