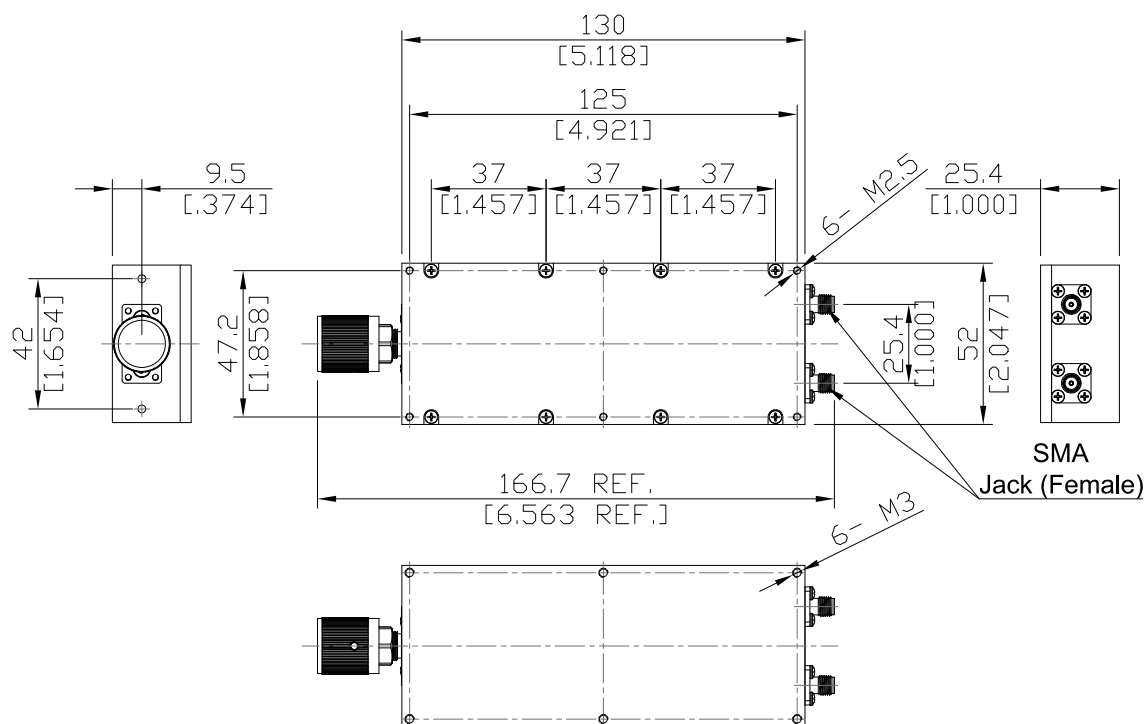


Adjustable Phase Shifter, DC - 18 GHz, With an Adjustable Phase of 60 Degrees Minimum and SMA

APS-A2A25A-18G60 / 9X-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-15; CECC 22110; MIL-PRF-39012; MIL-STD-348B/310; EN 122110

Electrical Data

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return Loss)

≤ 1.6 (≥ 12.74 dB)

Insertion Loss

≤ 1.5 dB

Phase Shift Range

60 ° x F (GHz)

Phase Shift Range per Rotation

2.4 ° x F (GHz)

RF Power Handling

100W

Material And Plating

Piece Parts (SMA)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Piece Parts (SMA)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Stainless Steel	Passivated
Insulator	PTFE	

Adjustable Phase Shifter, DC - 18 GHz, With an Adjustable Phase of 60 Degrees
Minimum and SMA

APS-A2A25A-18G60 / 9X-9X

Mechanical Data

Coupling mechanisms	Screw-On
Mating Cycles	≥ 500
Coupling Test Torque	max. 1.70 Nm
Recommended Torque	0.9 Nm

Environmental Data

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

Packing

Single or 100