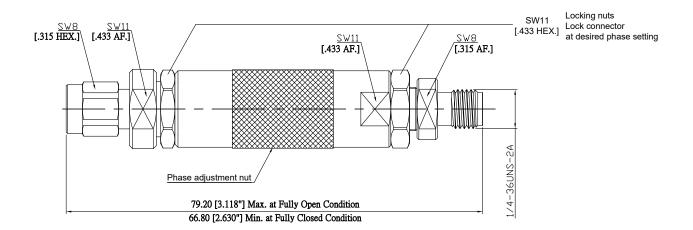


Technical Data Sheet

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

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



IEC 60169-15; MIL-STD-348B/310

All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface According to

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Electrical Data

Impedance 50Ω

Frequency range DC to 18 GHz VSWR (Return loss) \leq 1.25 (≥ 19.08 dB) Insertion loss \leq 0.1 x \sqrt{F} (GHz) dB Phase shift range Phase shift range per rotation 0.6 ° x F (GHz)

Mechanical Data

Coupling mechanisms
Weight

Screw-lock N/A

Environmental Data

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

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.		Rosnol RF/Microwave Technology Co., Ltd. www.rosnol.com; info@rosnol.com	Page
In the effort to improve our products, we reserve the right to make changes judged to be necessary.	Date:	Phone: +886-3-463-5095 / Fax: +886-3-463-5952	1/1