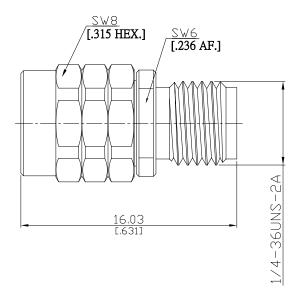


### Technical Data Sheet

# Adaptor plug/jack 1.85mm plug (male) / Precision SMA plug (female)

## AD-V1PCA25A/9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface

1.85mm according to IEC 61169-32

Precision SMA according to IEC 60169-15; MIL-C-39012; MIL-STD-348A/310

#### Electrical Data

Impedance  $50 \Omega$ 

Frequency DC to 27 GHz VSWR (Return Loss)  $\leq 1.15 (\geq 23.13 \text{ dB})$  Insertion Loss  $\leq 0.05 \times \sqrt{F \text{ (GHz)}} \text{ dB}$ 

#### Mechanical Data

Coupling mechanisms Screw-lock Weight N/A

#### Environmental Data

Temperature range -60°C to +100°C compliant

#### Material And Plating

Piece Parts (1.85mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PS	
Coupling nut	Stainless Steel	Passivated
Piece Parts (Precision SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PS	

#### Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our	Rev.:-	Rosnol RF/Microwave Technology	Page
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judged to be necessary.	2 / /02 /20	N-CAGE Code: SFKKO	1/ 1