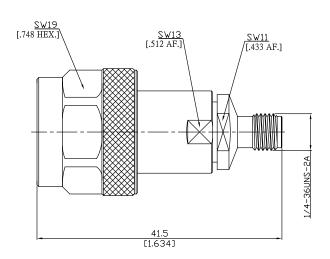


# Technical Data Sheet

# Adaptor Plug / Jack Precision N plug (male) / RPC3.5 jack (female)

# AD-PCN1PC25A/9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface

Precision N according to IEC 61169-16; MIL-C-39012; MIL-STD-348A/402 3.5mm according to IEC 60169-23

#### Electrical Data

 $\begin{array}{ll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Frequency} & DC \ \mbox{to} \ 18 \ \mbox{GHz} \\ \mbox{VSWR} \ \mbox{(Return Loss)} & \leq 1.15 \ (\geq 23.1 \ \mbox{dB}) \\ \mbox{Insertion Loss} & \leq 0.04 \ \mbox{x} \ \sqrt{F \ \mbox{(GHz)}} \ \mbox{dB} \end{array}$ 

#### Mechanical Data

Coupling mechanisms
Precision N (Screw-lock); RPC3.5 (Screw-lock)
Weight
0.0322 kg

## Environmental Data

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

## Material And Plating

Piece Parts (Precision N)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
Piece Parts (RPC3.5)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFE	

### Packing

Single or 100

The facts and figures herein are carefully compiled to the best of	f our Rev.:-	Rosnol RF/Microwave Technology Co., Ltd.	Page
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judged to be necessary.	2019/04/16	N-CAGE Code: SFKK0 / ISO9001 Certified	1/1