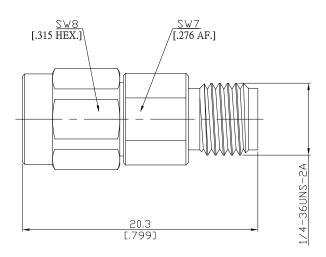


Technical Data Sheet

Adaptor Plug / Jack RPC3.5 plug (male) / SMA jack (female)

AD-PC1A25A/9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

SMA according to IEC 60169-15; MIL-C-39012; MIL-STD-348A/310 3.5mm according to IEC 60169-23

Electrical Data

 $\begin{array}{ll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Frequency} & DC \ \mbox{to} \ 18 \ \mbox{GHz} \\ \mbox{VSWR (Return Loss)} & \leq 1.15 \ \mbox{\leq 23.1 \ dB)} \\ \mbox{Insertion Loss} & \leq 0.05 \ \mbox{x} \ \ \mbox{$\sqrt{F (GHz)}$} \ \mbox{dB} \end{array}$

Mechanical Data

Coupling mechanisms Screw-lock
Weight 0.0054 kg

Environmental Data

Temperature range -65°C to +90°C RoHS compliant

Material And Plating

| Piece Parts (RPC3.5) | Material | Plating |
|----------------------|------------------|----------------------------------|
| Centre contact | Beryllium Copper | Gold plating(Nickel underplated) |
| Body | Stainless Steel | Passivated |
| Insulator | PS | |
| Gasket | Silicone Rubber | |
| Coupling nut | Stainless Steel | Passivated |
| Piece Parts (SMA) | Material | Plating |
| Centre contact | Beryllium Copper | Gold plating(Nickel underplated) |
| Body | Stainless Steel | Passivated |
| Insulator | PTFF | |

Packing

Single or 100

| The facts and figures herein are carefully compiled to the best of our | l Kev:- | Rosnol RF/Microwave Technology Co., Ltd. | Page |
|---|---------|---|-------|
| knowledge, but they are intended for general informational purposes only. | | www.rosnol.com; info@rosnol.com | |
| In the effort to improve our products, we reserve the right to make changes | Date: | Phone: +886-3-463-5095 / Fax: +886-3-463-5952 | 1 / 1 |
| judged to be necessary. | | N-CAGE Code: SFKK0 / ISO9001 Certified | 1/1 |