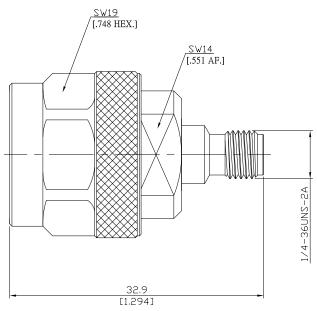


Technical Data Sheet

Precision N Plug (Male) to SMA Jack (Female) Adapter, DC-18GHz, VSWR1.15

AD-PCN1A25B/944-94



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

Precision N according to SMA according to

IEC 60169-16; MIL-STD-348B/402 IEC 60169-15; MIL-STD-348B/310

Electrical Data

Impedance Frequency VSWR (Return Loss)

Insertion Loss

DC to 18 GHz \leq 1.15 (\geq 23.1 dB) \leq 0.04 x \sqrt{F} (GHz) dB

50 Ω

Mechanical Data

Coupling mechanisms Weight Precision N (Screw-lock); SMA (Screw-lock) N/A

ignt

Environmental Data

Temperature range RoHS -65 °C to +165 °C compliant

Material And Plating

| Piece Parts (Precision N) | Material | Plating |
|---------------------------|------------------|----------------------------------|
| Centre contact | Beryllium Copper | Gold plating(Nickel underplated) |
| Body | Brass | Copper-Tin-Zinc Alloy |
| Insulator | PTFE | |
| Gasket | Silicone Rubber | |
| Coupling nut | Brass | Copper-Tin-Zinc Alloy |
| Piece Parts (SMA) | Material | Plating |
| Centre contact | Beryllium Copper | Gold plating(Nickel underplated) |
| Body | Brass | Copper-Tin-Zinc Alloy |
| Insulator | PTFE | |

Packing

Single or 100

| The facts and figures herein are carefully compiled to the best of our | Rev.:- | Rosnol RF/Microwave Technology Co., Ltd. | Page |
|---|--------|---|------|
| knowledge, but they are intended for general informational purposes only. | | www.rosnol.com; info@rosnol.com | 0 |
| 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 |