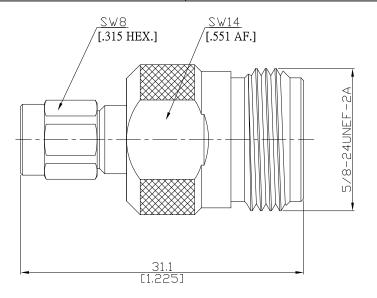


Technical Data Sheet

Adaptor plug/jack SMA plug (male) / N jack (female)

AD-A1N25A/H11-H4



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

N According to IEC 61169-16; CECC 22210; MIL-C-39012; MIL-STD-348A/304

Electrical Data

Impedance 50 O

DC to 12 GHz Frequency VSWR (Return Loss) ≤ 1.15 (≥ 23.13 dB) Insertion Loss ≤ 0.05 x √ F (GHz) dB

Mechanical Data

Coupling mechanisms SMA (Screw-lock); N (Screw-lock)

Weight 0.0208 kg

Environmental Data

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

RoHS

Material And Plating

| Piece Parts (SMA) | Material | Plating |
|------------------------------|-------------------|---|
| Centre contact | Phosphor Bronze | Gold plating(Nickel underplated) |
| Body | Brass | Gold plating(Nickel underplated) |
| Insulator | PTFE | |
| Gasket | Silicone Rubber | |
| | | |
| Coupling nut | Brass | Gold plating(Nickel underplated) |
| Coupling nut Piece Parts (N) | Brass Material | Gold plating(Nickel underplated) Plating |
| | | 1 0. |
| Piece Parts (N) | Material | Plating |

Packing

Single or 100

| The facts and figures herein are carefully compiled to the best of our | Rev.:- | Rosnol RF/Microwave Technology | 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 $% \left(\frac{1}{2}\right) =\frac{1}{2}\left(\frac{1}{2}\right) $ | Date: | Phone: +886-3-463-5095 / Fax:+886-3-463-5952 | 1 /1 |
| judged to be necessary. | 19/11/10 | N-CAGE Code: SFKK0 | 1/1 |