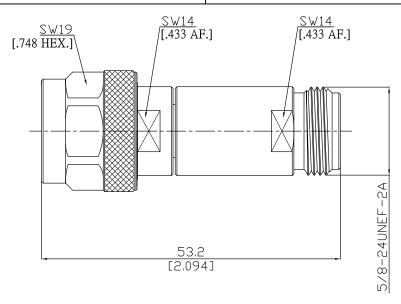


Technical Data Sheet

Fixed Attenuator plug/jack N plug (male) / N jack (female)

FA-N1N25A-6G2W10/944-94



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to IEC 61169-16; MIL-STD-348A/304

Electrical Data

 $\begin{array}{lll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Attenuation} & 10 \ \mbox{dB} \\ \mbox{Frequency} & DC \ \mbox{to 6 GHz} \\ \mbox{VSWR (Return Loss)} & \leq 1.25 \ (\geq 19.08 \ \mbox{dB)} \\ \mbox{Attenuation deviation} & \pm 0.5 \ \mbox{dB} \end{array}$

Power rating 2 Watt average power up to 25 °C

Mechanical Data

Coupling mechanisms Screw-lock Weight N/A

Environmental Data

Temperature range -55 °C to +125 °C RoHS compliant

Material And Plating

| Piece Parts (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 (N) | Material | Plating |
| Centre contact | Beryllium Copper | Gold plating(Nickel underplated) |
| D a du | D | O T. 7. All |
| Body | Brass | Copper-Tin-Zinc Alloy |

Packing

Single or 100

| The facts and figures herein are carefully compiled to the best of $% \left\{ 1\right\} =\left\{ 1\right\} $ | Rev · 1 O | Rosnol RF/Microwave Technology | Page |
|---|-----------|--|------|
| our knowledge, but they are intended for general informational | KCV1.0 | www.rosnol.com; info@rosnol.com | |
| purposes only. In the effort to improve our products, we reserve the | Date: | Phone: +886-3-463-5095 / Fax:+886-3-463-5952 | 1/1 |
| right to make changes judged to be necessary. | 19/11/12 | N-CAGE Code: SFKK0 | |