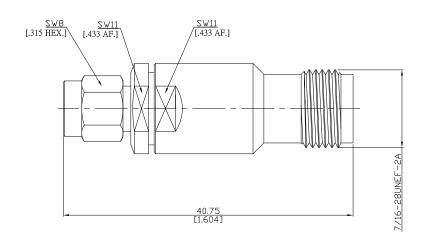


### Technical Data Sheet

# Adaptor Plug / Jack SMA plug (male) / Precision TNC jack (female)

## AD-A1PCT25A/9XX-9X



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

#### Interface

SMA according to Precision TNC according to

IEC 60169-15; MIL-C-39012; MIL-STD-348A/310 IEC 60169-26; MIL-C-39012; MIL-STD-348A/313

#### Electrical Data

Impedance Frequency VSWR (Return Loss) Insertion Loss  $50 \Omega$ DC to 18 GHz
≤ 1.20 (≥ 20.8 dB)
≤ 0.05 x √F (GHz) dB

#### Mechanical Data

Coupling mechanisms Weight SMA (Screw-lock); Precision TNC (Screw-lock) 0.0199 kg

#### Environmental Data

Temperature range RoHS

-55 °C to +100 °C compliant

#### Material And Plating

| Piece Parts (SMA)           | 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 (Precision TNC) | Material         | Plating                          |
| Centre contact              | Beryllium Copper | Gold plating(Nickel underplated) |
| Body                        | Stainless Steel  | Passivated                       |

#### Packing

Insulator

Single or 100

PTFE

| The facts and figures herein are carefully compiled to the best of our   | I Kov.     | Rosnol RF/Microwave Technology Co., Ltd.      | Page |
|--|------------|---|------|
| knowledge, but they are intended for general informational purposes only.  |            | www.rosnol.com; info@rosnol.com               | Ü    |
| 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.  | 2019/06/11 | N-CAGE Code: SFKK0 / ISO9001 Certified        | 1/1  |