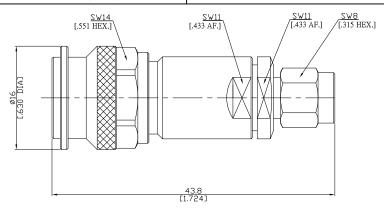


Technical Data Sheet

Adaptor Plug / Plug

SMA plug (male) / Precision TNC plug (male)

AD-A1PCT15A/9XX-9XX



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 Precision TNC according to IEC 60169-26; MIL-C-39012; MIL-STD-348A/313

Electrical Data

Impedance 50 Ω Frequency DC to 18 GHz VSWR (Return Loss) ≤ 1.30 (≥ 17.69

VSWR (Return Loss) $\leq 1.30 \ (\geq 17.69 \ dB)$ Insertion Loss $\leq 0.1 \ x \ \sqrt{F \ (GHz)} \ dB$

Mechanical Data

Coupling mechanisms SMA (Screw-lock); Precision TNC (Screw-lock)

Weight N/A

Environmental Data

Temperature range $-65\,^{\circ}\text{C}$ to $+165\,^{\circ}\text{C}$ RoHS compliant

Thermal shock MIL-STD-202; Method 107; Condition B Corrosion MIL-STD-202; Method 101; Condition B

Moisture resistance MIL-STD-202; Method 106

Vibration MIL-STD-202; Method 204; Condition D Shock MIL-STD-202; Method 213; Condition I

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
Piece Parts (Precision TNC) Centre contact	Material Beryllium Copper	Plating Gold plating(Nickel underplated)
·		o a constant of the constant o
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Centre contact Body	Beryllium Copper Stainless Steel	Gold plating(Nickel underplated)

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	Ü
In the effort to improve our products, we reserve the right to make changes $% \left\{ 1,2,,n\right\}$	Date:	Phone: +886-3-463-5095 / Fax: +886-3-463-5952	1 /1
judged to be necessary.	2019/06/11	N-CAGE Code: SFKKO / ISO9001 Certified	1/1