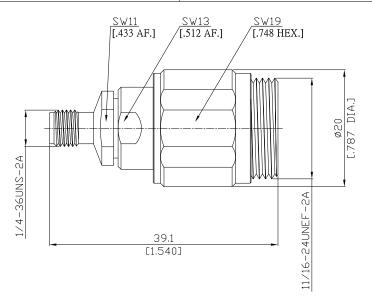


Technical Data Sheet

Adaptor Jack / Sexless SMA jack (female) / 7mm sexless

AD-A2P7X5A/9X-9XX



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

Interface

SMA according to IEC 60169-15; MIL-STD-348A/310 7mm according to IEC 457-2

Electrical Data

 $\begin{array}{ll} \text{Impedance} & 50 \ \Omega \\ \text{Frequency} & \text{DC to 18 GHz} \\ \text{VSWR (Return Loss)} & \leq 1.15 \ (\geq 23.1 \ \text{dB}) \\ \text{Insertion Loss} & \leq 0.04 \ \text{x} \ \sqrt{\text{F (GHz)}} \ \text{dB} \end{array}$

Mechanical Data

Coupling mechanisms SMA (Screw-lock); 7mm (Screw-lock)

Environmental Data

Temperature range -55°C to +70°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	

Piece Parts (7mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PS	
Coupling nut	Stainless Steel	Passivated

Packing Single or 100

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.	Kev.:-	Rosnol RF/Microwave Technology Co., Ltd. www.rosnol.com; info@rosnol.com	Page
In the effort to improve our products, we reserve the right to make changes judged to be necessary.		Phone: +886-3-463-5095 / Fax: +886-3-463-5952 N-CAGE Code: SFKK0 / ISO9001 Certified	1/1