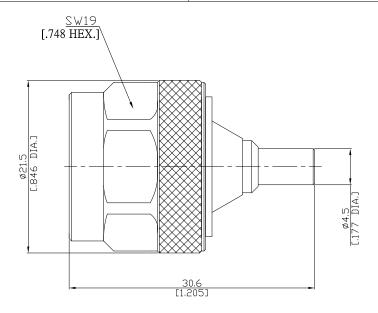


Technical Data Sheet

Adaptor Plug / Jack N plug (male) / MCX jack (female)

AD-N1M25A/144-91



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

Interface

N according to IEC 60169-16; MIL-C-39012; MIL-STD-348A/304 MCX according to IEC 60169-36

Electrical Data

 $\begin{array}{ll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Frequency} & DC \ \mbox{to 6 GHz} \\ \mbox{VSWR (Return Loss)} & \leq 1.20 \ \mbox{\geq 20.8 dB)$} \\ \mbox{Insertion Loss} & \leq 0.05 \ \mbox{x} \ \ \mbox{$\sqrt{F (GHz)}$ dB} \\ \end{array}$

Mechanical Data

Coupling mechanisms N (Screw-lock); MCX (Snap-lock) Weight 0.0283 kg

Environmental Data

Temperature range -55 °C to +165 °C RoHS compliant

Material And Plating

Piece Parts (N)	Material	Plating
Centre contact	Brass	Gold plating(Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Coupling nut Piece Parts (MCX)	Brass Material	Copper-Tin-Zinc Alloy Plating
, 0		,
Piece Parts (MCX)	Material	Plating

Packing

Single or 100

ŀ	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	O
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į	judged to be necessary.	2017/07/11	N-CAGE Code: SFKKO / ISO9001 Certified	1/ 1