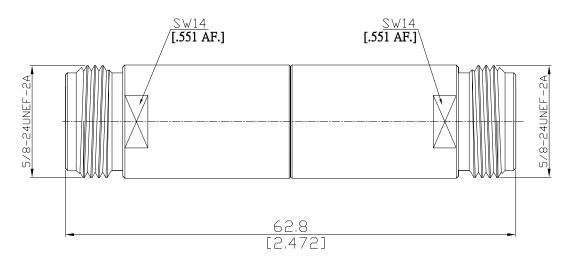


Technical Data Sheet

Impedance Matching Pad jack/jack N 50 Ω jack (female) / N 75 Ω jack (female)

MP-N25N27A-2G/H4-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

According to

Interface

IEC 61169-16; MIL-C-39012; MIL-STD-348A/304; CECC 22210

Electrical Data

Impedance

Interface frequency max.

Frequency range sub-section VSWR (Return loss) 50Ω

75 Ω

 $50~\Omega$ to $75~\Omega$ Insertion loss

 $75~\Omega$ to $50~\Omega$

Avrg. power rating (W) Mechanical Data

N 50 Ω Jack / N 50 Ω Jack

DC to 2 GHz

DC to 0.5 GHz

≤ 1.25 (≥ 19.08 dB)

≤ 1.15 (≥ 23.13 dB) ≤ 1.15 (≥ 23.13 dB)

≤ 1.25 (≥ 19.08 dB)

0.5 to 1 GHz

 $\leq 5.7 \, \mathrm{dB}$

 $\leq 5.7 \, \mathrm{dB}$

0.7 W (@ 40 °C; linearly decreasing to 0 W @ 125 °C)

Coupling mechanisms Weight

Screw-lock N/A

Environmental Data

Temperature range

RoHS

-55°C to +125°C

compliant

Material And Plating

Piece Parts (N)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	

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Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	

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.		Rosnol RF/Microwave Technology www.rosnol.com; info@rosnol.com
In the effort to improve our products, we reserve the right to make changes	Date:	Phone: +886-3-463-5095 / Fax: +886-3-463-5952
judged to be necessary.	2015/07/21	NLCAGE Code: SEKKO