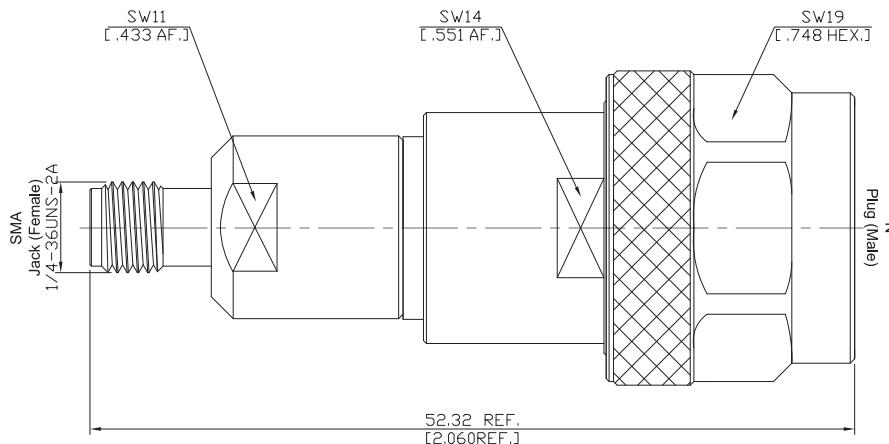


Impedance Matching Pad, 50Ω SMA Jack (Female) to 75Ω N Plug (Male),
DC-2 GHz

MP-A25N17A-2G / H4-H44



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

SMA side According to

IEC 60169-15; CECC 22110; MIL-PRF-39012; MIL-STD-348B/310; EN 122110

N side According to

IEC 60169-16; MIL-STD-348B/304; CECC 22210; MIL-PRF-39012

Electrical Data

Impedance

SMA 50 Ω / N 75 Ω

Frequency

DC to 2 GHz

VSWR (Return Loss)

≤ 1.25 (≥ 19.08 dB)

Insertion Loss

≤ 5.7 ± 0.5 dB

Power Rating

0.7 W at 40 °C ambient temperature. Linearly derated to 0 W at 125 °C ambient temperature

Material And Plating

Piece Parts (SMA)	Material	Plating
Centre Contact	Phosphor Bronze	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Piece Parts (N)	Material	Plating
Centre Contact	Phosphor Bronze	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Gasket	Silicone Rubber
Coupling nut	Brass	Copper-Tin-Zinc Alloy

Mechanical Data

Coupling mechanisms

SMA (Screw-lock)

N (Screw-lock)

Mating Cycles

≥ 500

≥ 500

Coupling Test Torque

1.70 Nm max.

1.70 Nm max.

Recommended Torque

0.57 Nm

1.0 Nm

Environmental Data

Temperature Range

-40°C to +85°C

RoHS

compliant

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. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:-

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N-CAGE Code: SFKK0 / ISO9001 Certified

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