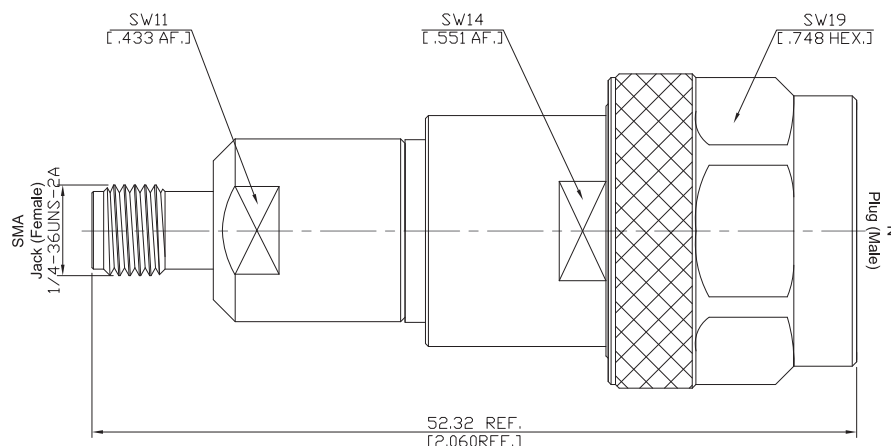


Impedance Matching Pad, 50Ω SMA Jack (Female) to 75Ω N Plug (Male),
DC-2 GHz

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