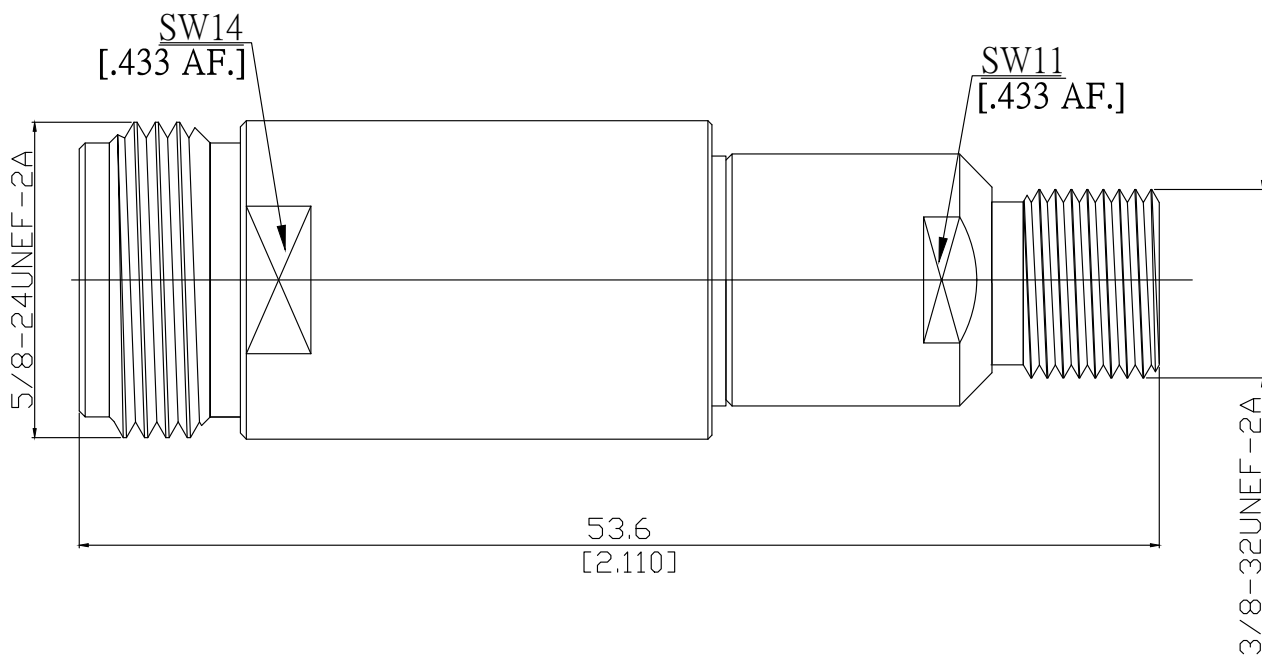




Impedance Matching Pads jack/jack
N 50 jack (female) / F 75 jack (female)

MP-N25F27A-2G / H4-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

N side according to

IEC 61169-16; MIL-STD-348A/304

F side according to

IEC 61169-24

Electrical Data

Impedance

N 50 Ω / F 75 Ω

Frequency

DC to 2 GHz

VSWR (Return Loss)

≤ 1.25 (≥ 19.08 dB)

Insertion Loss

$\leq 5.7 \pm 0.5$ dB

Insulation Resistance

≥ 5 G Ω

Test Voltage (at sea level)

1000 V rms

Working Voltage (at sea level)

335 V rms

RF Leakage

≥ 100 dB up to 1 GHz

Material And Plating

Piece Parts (N)	Material	Plating
Centre Contact	Phosphor Bronze	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Piece Parts (F)	Material	Plating
Centre Contact	Phosphor Bronze	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	

Impedance Matching Pads jack/jack
N 50 jack (female) / F 75 jack (female)

MP-N25F27A-2G / H4-H4

Mechanical Data

Coupling mechanisms	N (Screw-lock) ; F (Screw-lock)
Mating Cycles	≥ 500
Coupling Nut Retention	N/A
Center Contact Captivation: axial	≥ 27 N
Weight	0.0040 kg
Coupling Test Torque	1.70 Nm max.
Recommended Torque	0.9 Nm

Environmental Data

Temperature Range	-40°C to +85°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Shock	MIL-STD-202, Method 213, Condition I
Moisture Resistance	MIL-STD-202, Method 106
RoHS	compliant

Packing

Single or 100