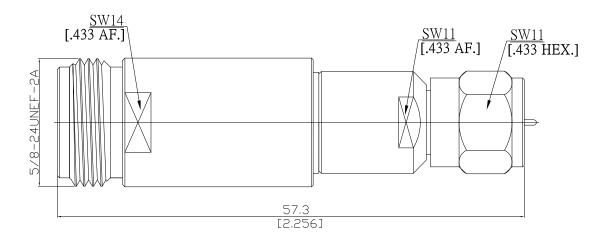


# Technical Data Sheet

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

# MP-N25F17A-2G/H4-H44

Copper-Tin-Zinc Alloy



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

#### Interface

N side according to IEC 61169-16; MIL-C-39012; MIL-STD-348A/304; CECC 22210 F side according to IEC 61169-24

#### Electrical Data

 $\begin{array}{lll} \mbox{Impedance} & \mbox{N 50 } \mbox{Q } / \mbox{F 75 } \mbox{Q} \\ \mbox{Frequency} & \mbox{DC to 2 GHz} \\ \mbox{VSWR (Return loss)} & \leq 1.25 \ (\geq 19.08 \ \mbox{dB}) \\ \mbox{Insertion loss} & 5.7 \pm 0.5 \ \mbox{dB} \\ \mbox{Input power} & 2 \ \mbox{W Avg.} \ \mbox{@} + 25 \ \mbox{°C} \\ \mbox{Peak power} & \leq 250 \ \mbox{W} \\ \end{array}$ 

### Mechanical Data

Coupling mechanisms

N (Screw-lock); F (Screw-lock)

Weight

N/A

#### Environmental Data

Temperature range -40°C to +85°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	
Piece Parts (F)	Material	Plating
Piece Parts (F) Centre contact	Material Phosphor Bronze	Plating Gold plating(Nickel underplated)
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#### Packing

Coupling nut

Single or 100

Brass

The facts and figures herein are carefully compiled to the best of our		Rosnol RF/Microwave Technology	Page
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