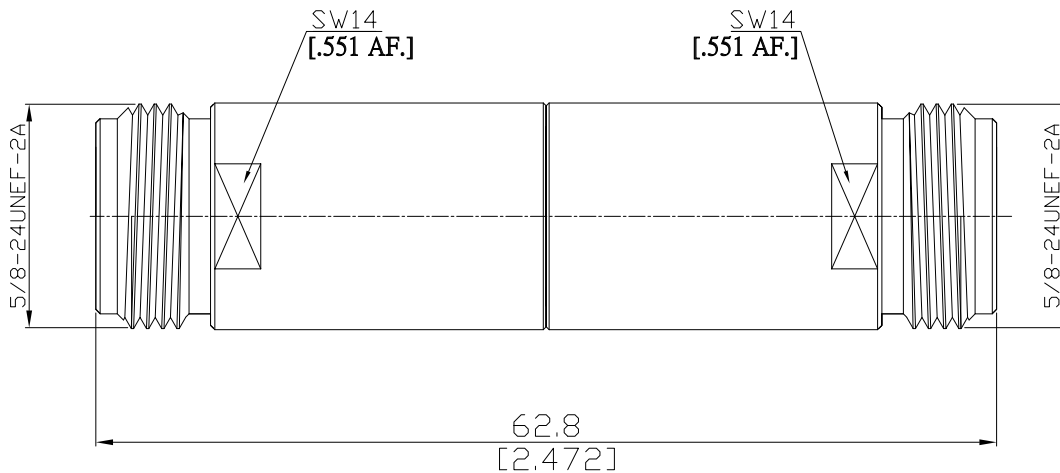


Impedance Matching Pad jack/jack  
N 50Ω jack (female) / N 75Ω jack (female)

MP-N25N27A-2G/H4-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

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

### Electrical Data

|                             |  |                     |
|-----------------------------|--|---------------------|
| Impedance                   | N 50 Ω Jack / N 50 Ω Jack                            |                     |
| Interface frequency max.    | DC to 2 GHz  |                     |
| Frequency range sub-section | DC to 0.5 GHz  | 0.5 to 1 GHz        |
| VSWR (Return loss) 50 Ω     | ≤ 1.15 (≥ 23.13 dB)                                  | ≤ 1.25 (≥ 19.08 dB) |
| 75 Ω                        | ≤ 1.15 (≥ 23.13 dB)                                  | ≤ 1.25 (≥ 19.08 dB) |
| Insertion loss 50 Ω to 75 Ω | ≤ 5.7 dB   |                     |
| 75 Ω to 50 Ω                | ≤ 5.7 dB   |                     |
| Avg. power rating (W)       | 0.7 W (@ 40 °C; linearly decreasing to 0 W @ 125 °C) |                     |

### Mechanical Data

|                     |            |
|---------------------|------------|
| Coupling mechanisms | Screw-lock |
| Weight              | N/A        |

### Environmental Data

|                   |                 |
|-------------------|-----------------|
| Temperature range | -55°C to +125°C |
| RoHS              | 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 (N) | Material        | Plating                          |
|-----------------|-----------------|----------------------------------|
| Centre contact  | Phosphor Bronze | Gold plating(Nickel underplated) |
| Body            | Brass           | Copper-Tin-Zinc Alloy            |
| Insulator       | PTFE            |                                  |

### Packing

Single or 100