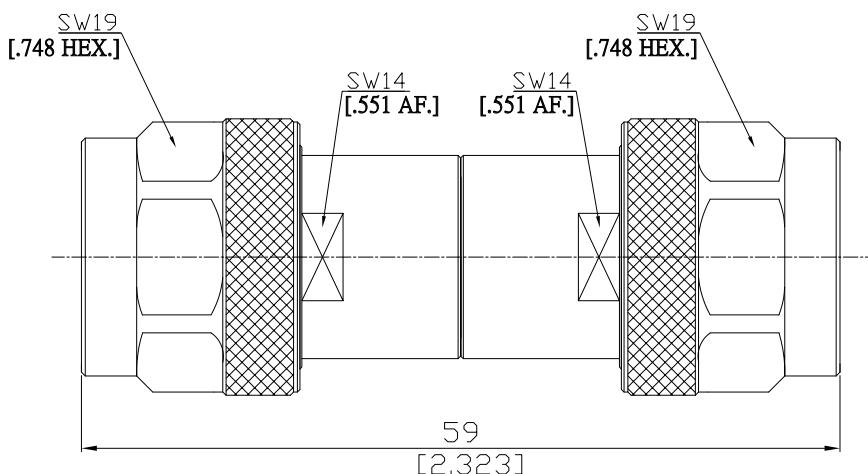




Impedance Matching Pad plug/plug  
N 50Ω plug (male) / N 75Ω plug (male)

MP-N15N17A-2G/144-144



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 Plug / N 75 Ω Plug

Interface frequency max.

DC to 2 GHz

Frequency range sub-section

DC to 0.5 GHz

VSWR (Return loss) 50 Ω

0.5 to 1 GHz

75 Ω

≤ 1.15 ( $\geq$  23.13 dB)

≤ 1.25 ( $\geq$  19.08 dB)

Insertion loss 50 Ω to 75 Ω

≤ 5.7 dB

≤ 1.25 ( $\geq$  19.08 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

Brass

Gold plating(Nickel underplated)

Body

Brass

Copper-Tin-Zinc Alloy

Insulator

PTFE

Gasket

Silicone Rubber

Coupling nut

Brass

Copper-Tin-Zinc Alloy

##### Piece Parts (N)

##### Material

##### Plating

Centre contact

Phosphor Bronze

Gold plating(Nickel underplated)

Body

Brass

Copper-Tin-Zinc Alloy

Insulator

PTFE

Gasket

Silicone Rubber

Coupling nut

Brass

Copper-Tin-Zinc Alloy

#### 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.:1.0

Rosnol RF/Microwave Technology

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Page

1/1