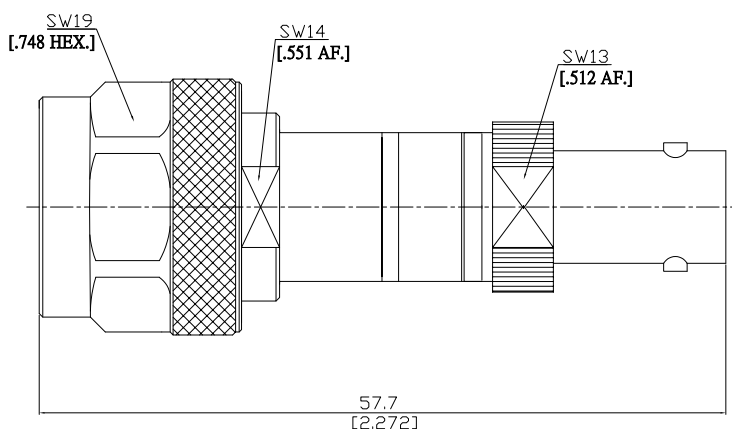




Impedance Matching Pad plug/jack
N 50 Ω plug (male) / BNC 75 Ω jack (female)

MP-N15B27A-2G/H44-H4



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

BNC side according to

IEC 60169-8; CECC 22120; MIL-C-39012; MIL-STD-348A/301

Electrical Data

Impedance

N 50 Ω Plug / BNC 75 Ω Jack

Interface frequency max.

DC to 2 GHz

Frequency range

DC to 1 GHz

DC to 2 GHz

VSWR (Return loss) 50 Ω

≤ 1.10 (≥ 26.44 dB)

≤ 1.15 (≥ 23.13 dB)

75 Ω

≤ 1.15 (≥ 23.13 dB)

≤ 1.25 (≥ 19.08 dB)

Voltage division 50 Ω \rightarrow 75 Ω

4.0 dB

75 Ω \rightarrow 50 Ω

7.5 dB

Power rating (W)

1 W

Power Attenuation (dB)

5.7 dB (Both directions)

Mechanical Data

Coupling mechanisms

N (Screw-lock); BNC (Bayonet-lock)

Weight

N/A

Environmental Data

Temperature range

-55 $^{\circ}$ C to +125 $^{\circ}$ C

RoHS

compliant

Material And Plating

Piece Parts (BNC)	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
Piece Parts (BNC)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	

Packing

Single or 100