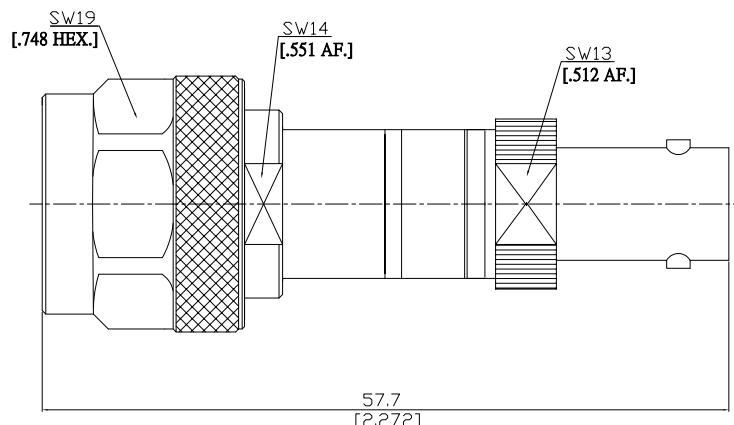




Impedance Matching Pad plug/jack  
N 50Ω plug (male) / BNC 75Ω jack (female)

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 50Ω Plug / BNC 75Ω 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 ( $\geq$  26.44 dB) ≤ 1.15 ( $\geq$  23.13 dB) ≤ 1.15 ( $\geq$  23.13 dB)

75 Ω

75 Ω

≤ 1.25 ( $\geq$  19.08 dB)

Voltage division 50 Ω → 75 Ω 4.0 dB 7.5 dB

75 Ω → 50 Ω

1 W

Power rating (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°C to +125°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