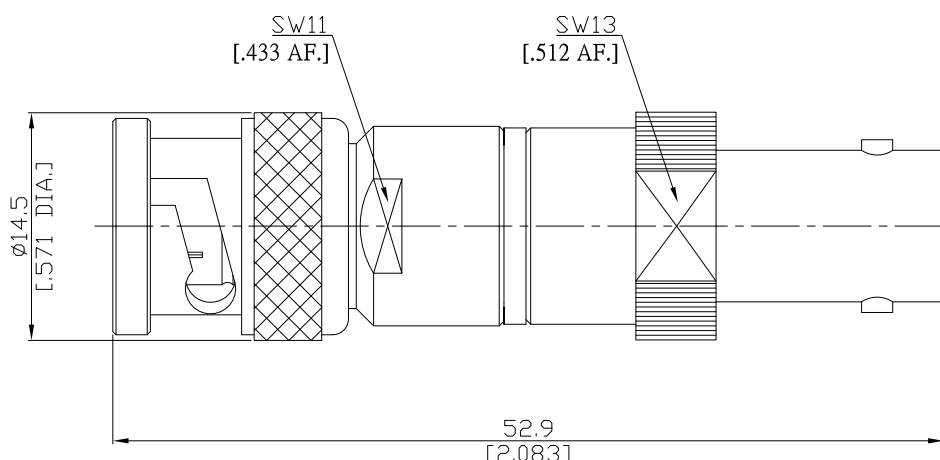




Impedance Matching Pad plug/jack
BNC 50 Ω plug (male) / BNC 75 Ω jack (female)

MP-B15B27A-2G/H44-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

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

Electrical Data

Impedance	BNC 50 Ω Plug / 75 Ω Jack	
Interface frequency max.	DC to 2 GHz	
Frequency range	DC to 1 GHz	1 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 $\Omega \rightarrow 75 \Omega$	4.0 dB	
75 $\Omega \rightarrow 50 \Omega$	7.5 dB	
Power rating (W)	1 W	
Power Attenuation (dB)	5.7 dB (Both directions)	

Mechanical Data

Coupling mechanisms	Bayonet-lock
Weight	0.0189 kg

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