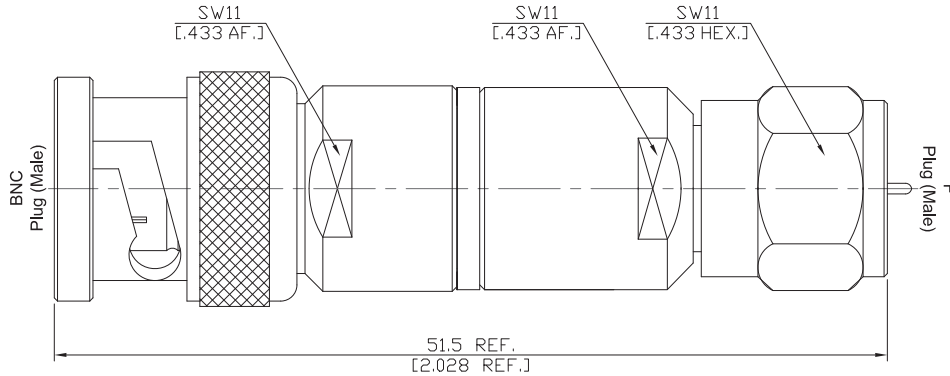


50Ω BNC Plug (Male) to 75Ω F Plug (Male) Impedance Matching Pad, DC-2 GHz

MP-B15F17A-2G / H44-H44



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

Interface

BNC side According to
F side According to

MIL-STD-348B/330; IEC 61169-8; MIL-PRF-39012; CECC 22120
IEC 61169-24; ANSI/SCTE 02

Electrical Data

Impedance BNC 50 Ω / F 75 Ω
Frequency DC to 2 GHz
VSWR (Return Loss) ≤ 1.25 (≥ 19.08 dB)
Insertion Loss ≤ 5.7 ± 0.5 dB
Power Rating 0.7 W at 40 °C ambient temperature. Linearly derated to 0 W at 125 °C ambient temperature

Material And Plating

Piece Parts (BNC)	Material	Plating
Centre Contact	Phosphor Bronze	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Copper-Tin-Zinc Alloy

Piece Parts (F)	Material	Plating
Centre Contact	Phosphor Bronze	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Copper-Tin-Zinc Alloy

Mechanical Data

Coupling mechanisms BNC (Bayonet-Lock) F (Screw-On)
Mating Cycles ≥ 500 ≥ 500
Coupling Test Torque N/A max. 6.78 Nm
Recommended Torque N/A 1.1 Nm

Environmental Data

Temperature Range -40°C to +85°C
RoHS compliant

Packing

Single or 100