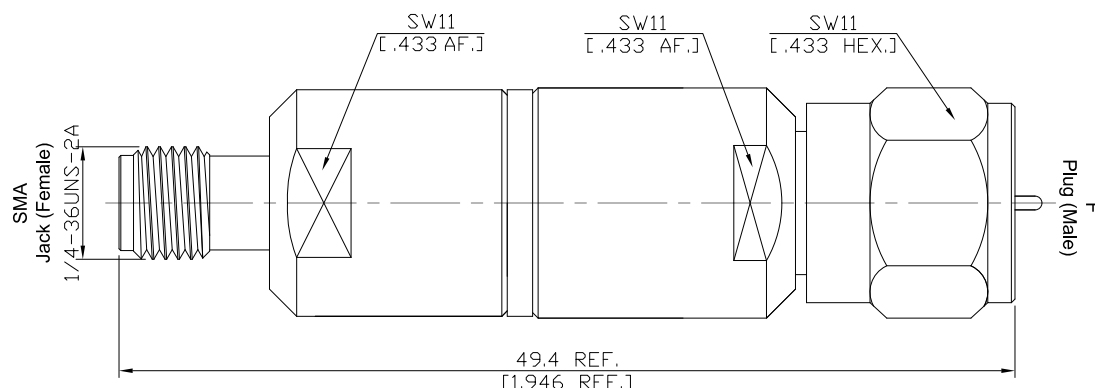


Impedance Matching Pad, 50Ω SMA Jack (Female) to 75Ω F Plug (Male) ,  
DC - 2 GHz

**MP-A25F17A-2G / H3-H33**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

SMA side According to

IEC 60169-15; CECC 22110; MIL-PRF-39012; MIL-STD-348B/310; EN 122110

F side According to

IEC 61169-24; ANSI/SCTE 02

**Electrical Data**

Impedance

SMA 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 (SMA)	Material	Plating
Centre Contact	Phosphor Bronze	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Nickel
Insulator	PTFE	
Piece Parts (F)	Material	Plating
Centre Contact	Phosphor Bronze	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Nickel
Insulator	PTFE	
Coupling nut	Brass	Nickel

**Mechanical Data**

Coupling mechanisms	SMA (Screw-lock)	F (Screw-lock)
Mating Cycles	≥ 500	≥ 500
Coupling Test Torque	1.70 Nm max.	6.78 Nm max.
Recommended Torque	0.57 Nm	1.1 Nm

**Environmental Data**

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

**Packing**

Single or 100