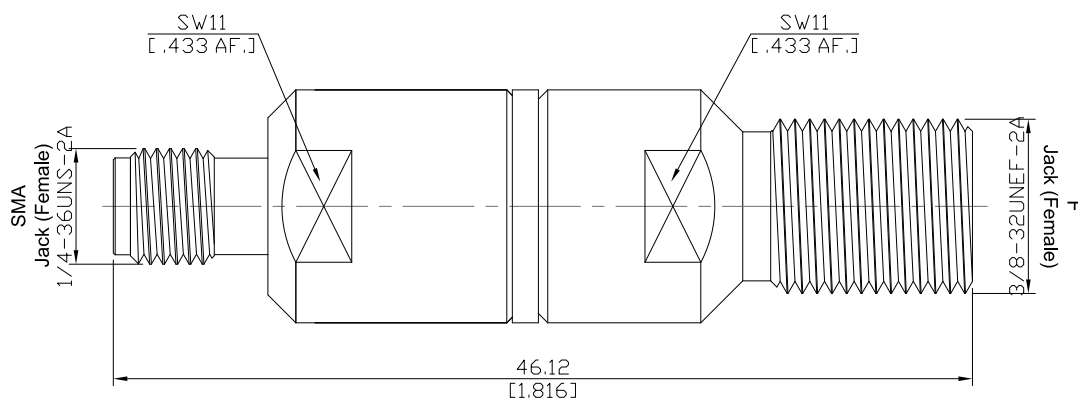


Impedance Matching Pad, 50Ω SMA Jack (Female) to 75Ω F Jack (Female),
DC-2 GHz

MP-A25F27A-2G / H4-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

SMA side According to

F side According to

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

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

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