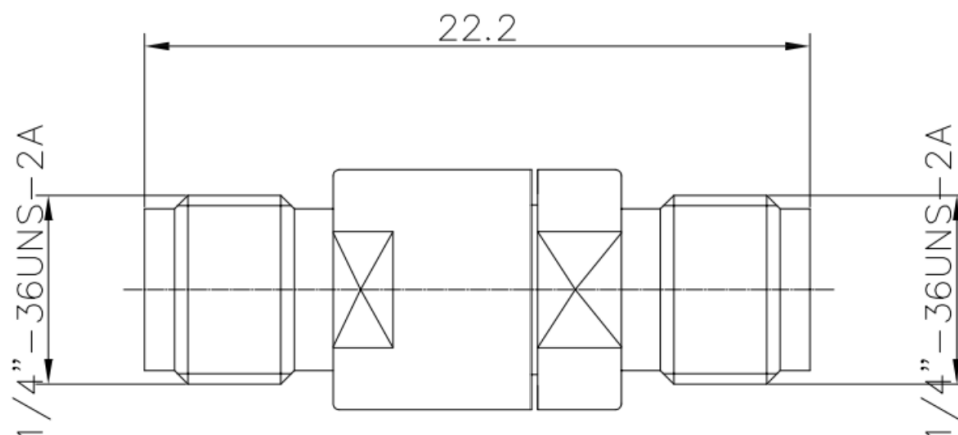


KL-SMAF-SMAF-22 — SMA Precision Adapter

Female to Female, DC–18 GHz — In-Line Coupling Adapter (22.2 mm)

**Electrical Data**

Parameter	Value
Impedance	50 Ω
Frequency Range	DC – 27 GHz
VSWR	$\leq 1.15 : 1$
Contact Resistance, Center	$\leq 3.0 \text{ m}\Omega$
Contact Resistance, Outer	$\leq 2.0 \text{ m}\Omega$
Insulation Resistance	$\geq 5000 \text{ M}\Omega$
Dielectric Withstanding Voltage	1000 V

Mechanical Data

Parameter	Value
Durability (Mating Cycles)	≥ 500 times
Overall Length	22.2 mm
Thread	1/4-36 UNS Class 2A (both ends)
Application	MIL-C-39012

Material & Plating

Component	Material / Finish
Center Contact	Beryllium Copper, Gold Plated
Body	Stainless Steel, Passivated
Insulator	PTFE