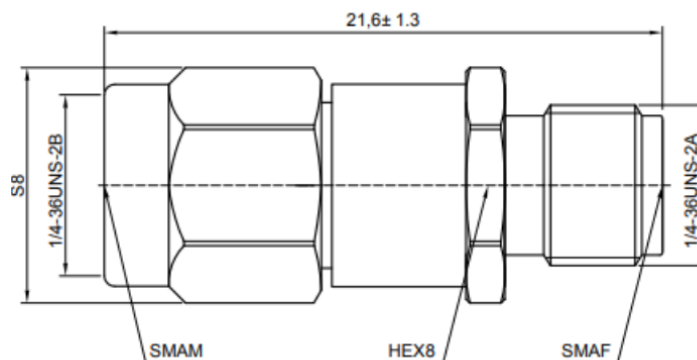


KL-SMAM-SMAF-2W — Fixed Coaxial Attenuator

SMA Male to SMA Female, 2 W, DC–18 GHz

**Electrical Data**

Parameter	Value
Impedance	50 Ω
Frequency Range	DC – 18 GHz
VSWR	$\leq 1.35 : 1$
Standard Attenuation Values	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 15, 20, 30, 40 dB
Attenuation Accuracy	± 0.5 dB
Input Power (CW)	2 W

Mechanical Data

Parameter	Value
Durability (Mating Cycles)	≥ 500 times
Operating Temperature	$-65^{\circ}\text{C} \sim +125^{\circ}\text{C}$
Overall Length	21.6 – 25.1 mm (varies by attenuation value)
Thread	1/4-36 UNS Class 2A / 2B

Material & Plating

Component	Material / Finish
Center Contact	Beryllium Copper, Ternary Alloy Plated
Outer Contact	Stainless Steel, Passivated
Dielectric	PTFE