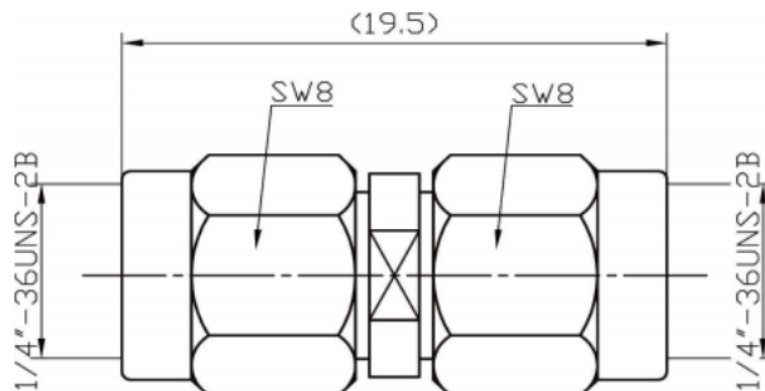


KL-292F-292F-20 — 2.92mm Precision Adapter

Female to Female, DC–26.5 GHz — In-Line Coupling Adapter (19.5 mm)

**Electrical Data**

Parameter	Value
Impedance	50 Ω
Frequency Range	DC – 26.5 GHz
VSWR	< 1.20 : 1
Insertion Loss	Typical $0.05 \times \sqrt{f}$ dB
Outer Contact Resistance	≤ 2.0 m Ω
Inner Contact Resistance	≤ 3.0 m Ω
Insulation Resistance	≥ 5000 M Ω
RF Operating Voltage	1000 V rms max

Mechanical Data

Parameter	Value
Mating Cycles	≥ 500
Mating Torque	0.7 – 1.1 N·m
Operating Temperature	-40°C ~ +125°C
Storage Temperature	-55°C ~ +125°C
Overall Length	19.5 mm
Thread	1/4-36 UNS Class 2B (both ends)

Material & Plating

Component	Material / Finish
Body	SUS303, Passivated
Inner Contact	Beryllium Bronze, Gold Plated
Insulator	PEI