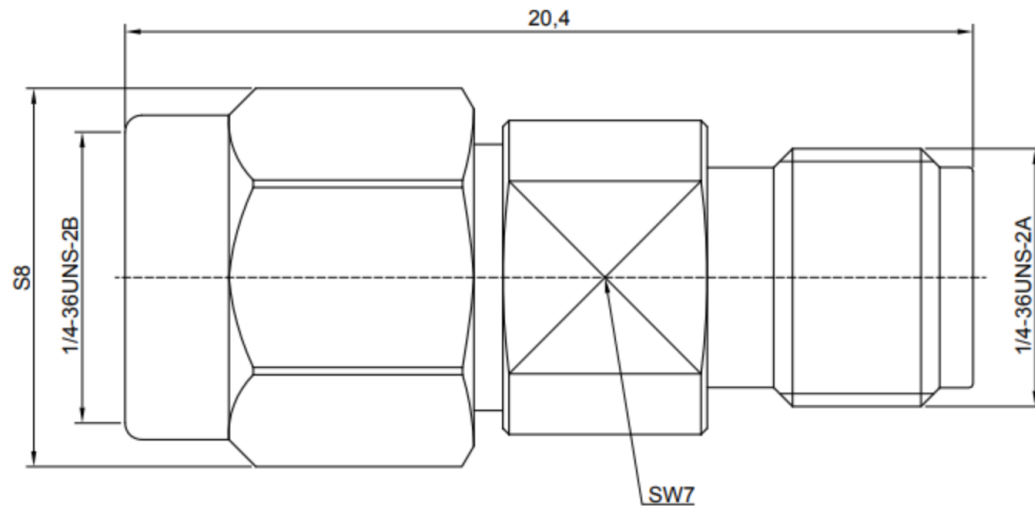


**KL-292-FM — 2.92mm Precision Adapter**

Female to Male, DC–40 GHz — In-Line Coupling Adapter

**Electrical Data**

| Parameter             | Value                       |
|-----------------------|-----------------------------|
| Impedance             | 50 $\Omega$                 |
| Frequency Range       | DC – 40 GHz                 |
| VSWR                  | $\leq 1.20 : 1$             |
| Working Voltage       | 1000 V rms                  |
| Insulation Resistance | $\geq 5000 \text{ M}\Omega$ |

**Mechanical Data**

| Parameter                  | Value                                           |
|----------------------------|-------------------------------------------------|
| Durability (Mating Cycles) | $\geq 500$ times                                |
| Operating Temperature      | $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$ |
| Overall Length             | 20.4 mm                                         |
| Coupling Nut Wrench Flat   | S8 (SW7 center coupling nut)                    |
| Thread                     | 1/4-36 UNS (Class 2A / 2B)                      |

**Material & Plating**

| Component      | Material / Finish             |
|----------------|-------------------------------|
| Center Contact | Beryllium Copper, Gold Plated |
| Outer Contact  | Stainless Steel, Passivated   |
| Dielectric     | PEI                           |