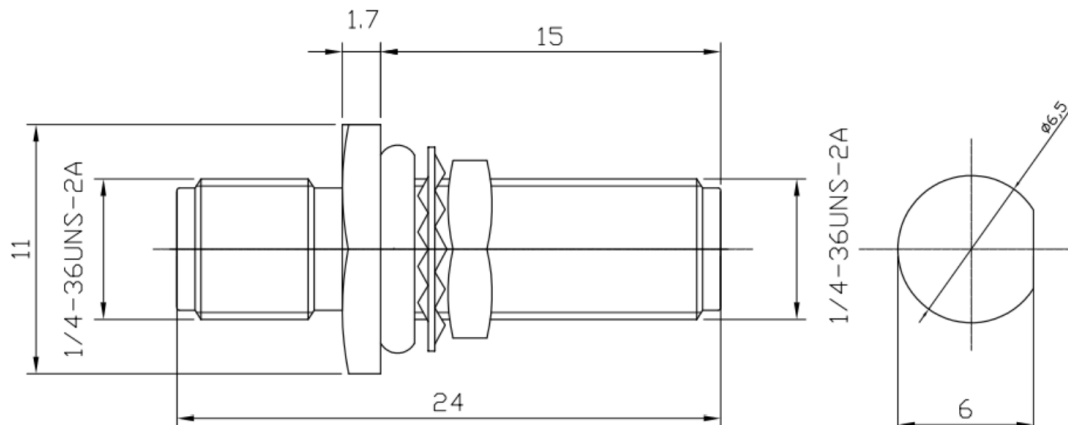


**KL-SMAM-SMAM-24-EXT — SMA Precision Adapter, Reduced-Diameter**

Male to Male, DC–6 GHz — Stepped-Diameter Extension Adapter (24 mm)

**Electrical Data**

| Parameter             | Value                       |
|-----------------------|-----------------------------|
| Impedance             | 50 $\Omega$                 |
| Frequency Range       | DC – 6 GHz                  |
| VSWR                  | $\leq 1.25 : 1$             |
| Working Voltage       | 1000 V                      |
| Insulation Resistance | $\geq 5000 \text{ M}\Omega$ |

**Mechanical Data**

| Parameter                  | Value                                          |
|----------------------------|------------------------------------------------|
| Durability (Mating Cycles) | $\geq 500$ times                               |
| Operating Temperature      | $-45^{\circ}\text{C} \sim +85^{\circ}\text{C}$ |
| Overall Length             | 24 mm                                          |
| Reduced Section Diameter   | $\varnothing 6.5 \text{ mm}$                   |
| Thread                     | 1/4-36 UNS Class 2A (both ends)                |

**Material & Plating**

| Component      | Material / Finish  |
|----------------|--------------------|
| Center Contact | Brass, Gold Plated |
| Body           | Brass, Gold Plated |
| Dielectric     | PTFE               |