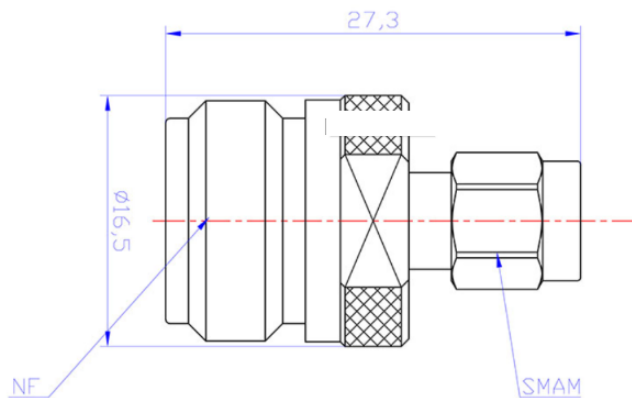


KL-NF-SMAM-27 — N-to-SMA Precision Adapter

N Female to SMA Male, DC–18 GHz — In-Line Adapter (27.3 mm)

**Electrical Data**

Parameter	Value
Impedance	50 Ω
Frequency Range	DC – 18 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	≥ 50000 M Ω

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	27.3 mm
Body Diameter	$\varnothing 16.5$ mm

Material & Plating

Component	Material / Finish
Body	Brass, Tri-Metal Plated
Inner Contact	Phosphor Copper, Silver Plated
Insulator	PTFE