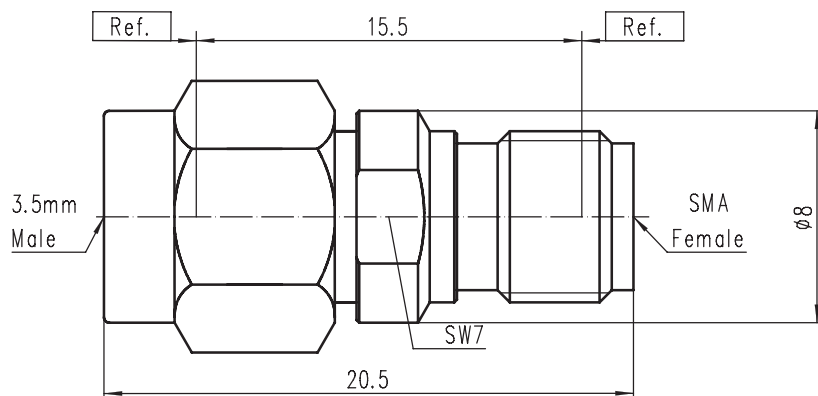


ADAPTOR 3.5 Male – SMA Female

3.5 / SMA-JKG



Code : 100077

Electrical data

Impedance	50 Ω
Frequency	DC to 27 GHz
Return loss	≥ 23 dB, DC to 27 GHz
Insertion loss	$\leq 0.04 \times \sqrt{f(\text{GHz})}$ dB
Insulation resistance	$\geq 5\text{G } \Omega$
Center contact resistance	≤ 3.0 m Ω
Outer contact resistance	≤ 2.0 m Ω
Test voltage	1000 V rms
Working voltage	335 V rms
RF leakage	≥ 100 dB up to 1 GHz

Mechanical data

Mating cycles	≥ 500
Center contact captivation	≥ 27 N
Coupling test torque	1.70 Nm
Recommended torque	0.80 Nm to 1.10 Nm

Material and plating

Connector parts

Center contact
Outer contact
Coupling nut
Dielectric

Material

Beryllium copper
Stainless steel
Stainless steel
PEI

Plating

Gold, over chemical nickel
Passivated
Passivated

Environmental data

Temperature range	-60°C to +165°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Shock	MIL-STD-202, Method 213, Condition I
Moisture resistance	MIL-STD-202, Method 106
2002/95/EC (RoHS)	compliant