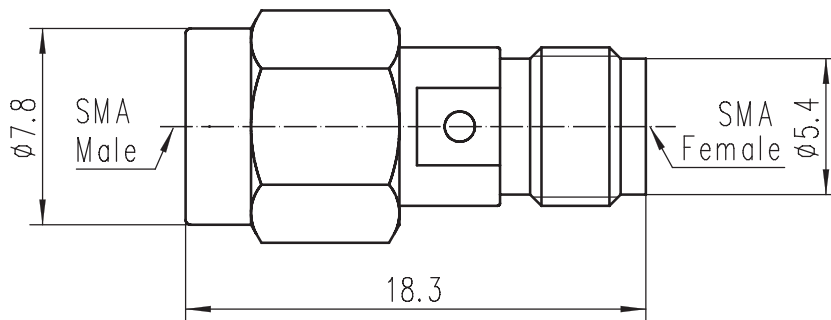


# ADAPTOR SMA Male – SMA Female

## SMA-JK



Code: 100040

### Electrical data

Impedance	50 Ω
Frequency	DC to 18 GHz
VSWR	≤ 1.25
Insertion loss	≤ 0.03 × √f(GHz) dB
Insulation resistance	≥ 5 × 10 <sup>3</sup> MΩ
Center contact resistance	≤ 3 mΩ
Outer contact resistance	≤ 2 mΩ
Test voltage	1000 V rms
Working voltage	480 V rms

### Mechanical data

Mating cycles	≥ 500
Coupling nut retention	≥ 270 N
Center contact captivation: axial	≥ 27 N
radial	≥ 3 Ncm
Coupling test torque	max. 1.7 Nm
Recommended torque	0.8 Nm to 1.1 Nm

### Material and plating

#### Connector parts

Center contact  
Outer contact  
Coupling nut  
Dielectric

#### Material

Beryllium copper  
Brass  
Stainless steel  
PTFE

#### Plating

Gold, over chemical nickel  
Gold, over chemical nickel  
Passivated

### Environmental data

Temperature range	-65°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

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