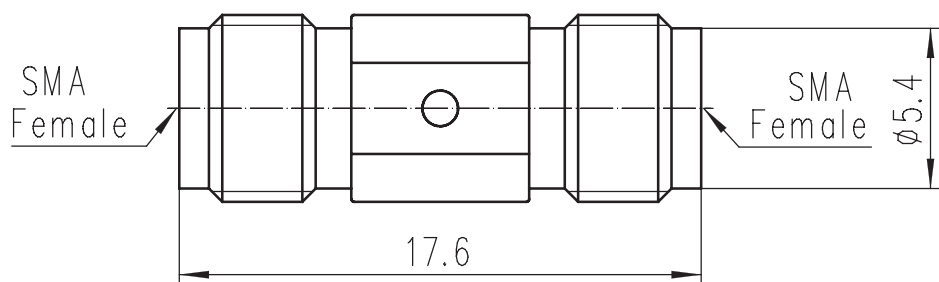


# ADAPTOR SMA Female – SMA Female

## SMA-KK



Code: 100041

### Electrical data

Impedance	50 $\Omega$
Frequency	DC to 18 GHz
VSWR	$\leq 1.25$
Insertion loss	$\leq 0.03 \times \sqrt{f(\text{GHz})}$ dB
Insulation resistance	$\geq 5 \times 10^3$ M $\Omega$
Center contact resistance	$\leq 3$ m $\Omega$
Outer contact resistance	$\leq 2$ m $\Omega$
Test voltage	1000 V rms
Working voltage	480 V rms

### Mechanical data

Mating cycles	$\geq 500$
Center contact captivation: axial	$\geq 27$ N
radial	$\geq 3$ 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  
Dielectric

#### Material

Beryllium copper  
Brass  
PTFE

#### Plating

Gold, over chemical nickel  
Gold, over chemical nickel

### 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

Shanghai Tuyue electronics Co. Ltd.

Tel.: +86 21 64753655 Fax: +86 21 61257270  
Email: info@tuyue.com.cn Website: www.tuyue.com.cn

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