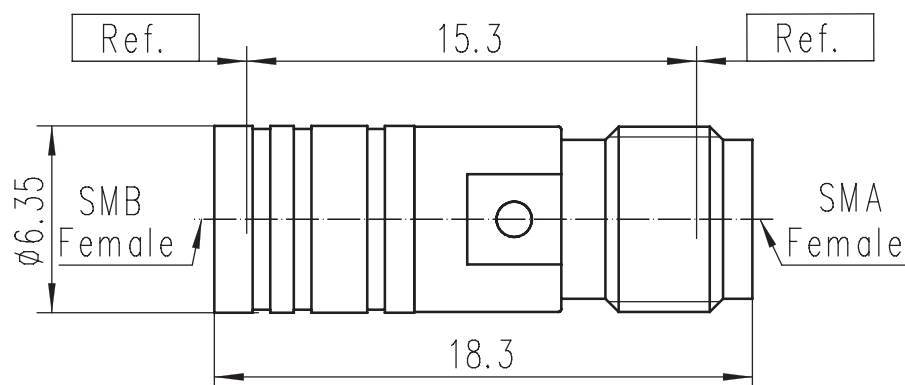


ADAPTOR SMB Female – SMA Female

SMA/SMB-KK1



Code: 100054

Electrical data

Impedance	50 Ω
Frequency	DC to 4GHz
VSWR	≤ 1.20 , DC to 4 GHz
Insertion loss	$\leq 0.05 \times \sqrt{f(\text{GHz})}$ dB
Insulation resistance	$\geq 1 \text{ G}\Omega$
Center contact resistance	$\leq 5.0 \text{ m}\Omega$
Outer contact resistance	$\leq 2.5 \text{ m}\Omega$
Test voltage	750V rms
Working voltage	250 V rms
RF leakage	$\geq 55 \text{ dB}$ up to 1GHz

Mechanical data

Mating cycles	SMB side min. 500	SMA side min. 500
Coupling nut retention	N/A	$\geq 27\text{N}$
Center contact captivation: axial	$\geq 10\text{N}$	$\geq 10\text{N}$
Coupling test torque	N/A	Max. 1.7 Nm
Recommended torque	N/A	0.8 to 1.1 Nm
Engagement force	$\leq 63\text{N}$	N/A
Disengagement force	8N min.; 63N max.	N/A

Material and plating

Connector parts

Center contact
Outer contact
Coupling nut
Dielectric

Material

Beryllium copper
Brass
Brass
PTFE

Plating

Gold, over chemical nickel
Gold, over chemical nickel
Gold, over chemical nickel

Environmental data

Temperature range	-55°C to +155°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
Moisture resistance	MIL-STD-202, Method 106
2002/95/EC (RoHS)	compliant

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