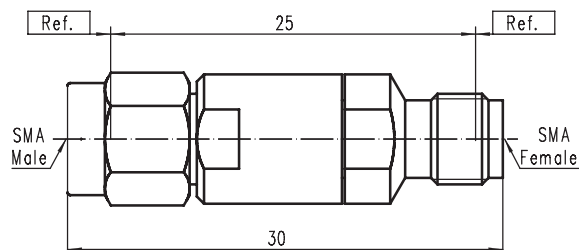


DC-Block SMA Male - SMA Female

BLK-SMA-JKG



Electrical data

Impedance	50 Ω
Frequency	5MHz to 27 GHz
VSWR	≤ 1.25 , DC to 27 GHz
Insertion loss	≤ 0.80
Insulation resistance	$\geq 5 \times 10^3$ M Ω
Center contact resistance	≤ 3 m Ω
Outer contact resistance	≤ 2 m Ω
Voltage	50 V rms
RF-leakage	≥ 100 dB up to 1 GHz

Mechanical data

Mating cycles	min. 500
Coupling nut retention	≥ 270 N
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
Gasket

Material

CuBe
Stainless Steel
Stainless Steel
PTFE
Silicone

Plating

Gold
Passivated
Passivated

Environmental data

Temperature range	-55°C to +125°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