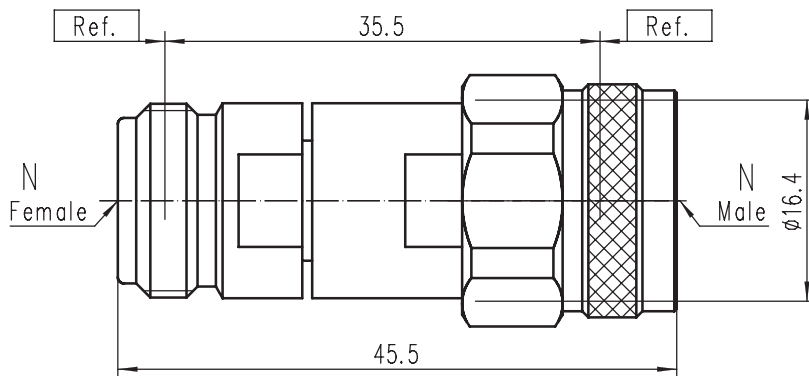


# CALIBRATION ADAPTOR

## N Female - N Male

# N-JKG08



Code: 100182

### Electrical data

Impedance	50 $\Omega$
Frequency	DC to 18GHz
VSWR	$\leq 1.08$ , DC to 18 GHz
Insertion loss	$\leq 0.05 \times \sqrt{f(\text{GHz})}$ dB
Insulation resistance	$\geq 5 \text{ G}\Omega$
Center contact resistance	$\leq 1.0 \text{ m}\Omega$
Outer contact resistance	$\leq 1.0 \text{ m}\Omega$
Test voltage	2500 V rms
Working voltage	1000 V rms
RF-leakage	$\geq 90 \text{ dB}$ up to 1 GHz

### Mechanical data

Mating cycles	$\geq 500$
Center contact captivation	$\geq 28 \text{ N}$
Coupling test torque	1.70 Nm
Recommended torque	0.70 Nm to 1.10 Nm

### Material and plating

Connector parts	Material	Plating
Center contact	Beryllium copper	Gold, over chemical nickel
Outer contact	Stainless steel	Passivated
Coupling nut	Stainless steel	Passivated
Dielectric	PEI	

### Environmental data

Operating Temperature	0°C to +50°C
Storage Temperature	-40°C to +85°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